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ASTOR, LENOX AND TILDEN FOUNDATIONS

Twenty-Fourth Annual Report,

City Engineer,

City of Somerville.

1897.

V DD A

TWENTY-FOURTH

ANNUAL REPORT

Compliments of

ERNEST W. BAILEY,

City Engineer.

SOMERVILLE JOURNAL PRINT.
1898.

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ASTOR, LENOX AND
TILDEN FOUNDATIONS

CITY OF SOMERVILLE.

IN BOARD OF ALDERMEN, February 16, 1898.

Referred to the Committee on Printing, to be printed in the annual reports. Sent down for concurrence.

GEORGE I. VINCENT, *Clerk.*

IN COMMON COUNCIL, February 16, 1898.

Referred to the Committee on Printing, to be printed in the annual reports, in concurrence.

WILLIAM P. MITCHELL, *Clerk pro tem.*

CITY OF SOMERVILLE.

OFFICE OF CITY ENGINEER,
CITY HALL, January 24, 1898.

TO HIS HONOR THE MAYOR AND THE CITY COUNCIL OF THE CITY OF SOMERVILLE:—

Gentlemen,—Herewith I respectfully submit a report of the work done and expense incurred for the year ending December 31, 1897, by the Engineering Department, Sewer Department, Public Grounds Department and other special works of improvement which have been under the supervision of the City Engineer.

ENGINEERING DEPARTMENT.

In January, 1897, the office of the Engineering Department had been removed from its apartments in the old part of the City Hall building to the northwesterly side of the new addition, on the second floor, where the varied work that comes under the department can be carried on far more advantageously and economically than formerly.

The new office is nearly three times the size of the old one, and the fireproof vault, for storage of valuable plans, note books, and other important data, is over four and one-half times the size of the former vault; also, there are facilities in the roof for the copying and printing of plans and other miscellaneous work.

During the past year many questions of importance have come before the City Council requiring the services of the Engineering Department; embracing studies, designs and estimates for relieving the overcharged sewer system in times of storms, designs and estimates for the construction of bridges and subways and many other local improvements, which necessitated more or less study, the making of plans, estimates of cost, furnishing lines and grades and general supervision and inspection of the work of construction.

Sixteen assistants have been employed in the Engineering Department, nine permanently and the others as additional work required. The cost of maintaining the department has been as follows:—

Appropriation		$9,000 00
Received from West End Street Railway Co., for lines and grades furnished		81 28
Received from Miscellaneous account, survey Somerville and Cambridge boundary line		150 00
Received from Highway Department, street numbering		43 00
		$9,274 28
Salary City Engineer (including maintenance of team)	$2,200 00	
Salaries of assistants	6,486 93	
Draughting materials, stationery and office supplies	207 91	
Tapes, plumbs, stakes, tools and general supplies	94 23	
Car fares	172 18	
Expressing and incidental expenses	5 99	
Total expenditure		9,167 24
Unexpended balance		$107 04

CLASSIFICATION OF EXPENDITURES, ASSISTANTS' SALARIES.

Sewers—comprising surveys, estimates, profiles, lines, grades, titles, plans, assessments and all work relating to sewers	$2,405 49
Highways—comprising plans, estimates, titles, profiles, lines and grades	313 74
Sidewalks—comprising profiles, lines, grades, measurements, titles, costs and assessments .	501 98
Water Works—comprising lines, grades, locations of mains, gates, hydrants and services and other matters relating to water works .	477 72
Public Grounds—comprising surveys, plans, estimates, profiles and grades	193 60
Public Buildings—comprising surveys, estimates, lines, grades and other work relating to construction	90 46
Street Numbering—comprising locations of buildings, plans and affixing street numbers on houses	207 59
Street Lines—comprising establishing of lines, grades and miscellaneous data given parties for building and grading	155 07
Middlesex Registry—comprising copying of plans and abstracts from deeds filed and examination of titles	185 66
City Survey—comprising lines, angles and measurements, calculations of traverses and locations of division lines and buildings . .	361 94
Somerville-Cambridge Boundary Line—comprising surveys, plans, areas, valuations and data for proposed change in line . .	529 52
Subways and Bridges—comprising preliminary surveys, plans, estimates and lines and grades for construction	167 19
Amount carried forward	$5,589 96

Amount brought forward	$5,589 96
West End Street Railway Co.—comprising grades, plans and profiles	139 07
Somerville Electric Light Co.—comprising lines, plans and locations	33 43
Office Work—comprising records of all locations, indexing, typewriting, calculations and general draughting	413 33
Miscellaneous Work—comprising preliminary surveys, designs, sketches, etc., relating to various schemes for different committees .	311 14
Total	$6,486 93
The total cost of maintaining the Engineer's department from 1872 to 1897, both years inclusive, has amounted to	$135,138 00

SEWERS AND STORM RELIEF DRAINS.

WEST SOMERVILLE DISTRICT.

The construction of the Tannery Brook storm drain was completed to Davis square in January, 1897, and during the severe storms of the past season cellars and large areas in this section, which formerly have been badly flooded, were entirely relieved of rain water and back sewage. A description of this work is given in the City Engineer's report of 1896.

Early in the year, to give partial relief to the Morrison-street and Grove-street sewers, a twenty-four-inch pipe drain was constructed from Davis square northeasterly in Elm street to the junction of Morrison street, where an overflow connection with the sewerage system was made, and, in times of storms, conducts a large quantity of water from the district in the vicinity of Nathan Tufts park, comprising about twenty-five acres, directly to the newly-constructed Tannery Brook storm drain.

The Grove-street sewer and adjacent cellars will not be entirely relieved from flooding in times of storms until the large

Forbes Co., Boston

CANVASS OF BIDS JULY, 1897, FOR CONSTRUCTING STORM WATER DRAIN AND SEWER IN WINTHROP AVENUE.

Name of Bidder.	Earth Excavation per. lin. ft.	Underdrain per lin. ft.	Amer. Cement Concrete (5-2-1) per cu. yd.	Port. Cement Concrete (5-2-1) per cu. yd.	Port. Cement Concrete (6-3-1) per cu. yd.	Amer. Cement Brick Masonry per cu. yd.	Port. Cement Brick Masonry per cu. yd.	Spruce Piles in Place per lin. ft.	Spruce Lumber in Place per M ft. B. M.	Total Bid.
E. W. Everson & Co.	$5 00	$0 50	$6 00	$6 90	$6 40	$12 00	$14 00	$0 25	$30 00	$26,800 00
Charles A. Mongan	4 50	0 25	5 50	7 00	6 50	13 00	17 00	0 20	22 00	26,470 00
Charles G. Craib	3 75	0 20	5 50	7 00	6 50	12 50	15 00	0 18	30 00	24 860 00
Felton, Holbrook, Cabot & Daly	6 05	0 15	4 50	6 37	5 70	10 40	11 62	0 15	21 00	24,491 80
Dennis F. O'Connell	4 50	0 12	4 50	6 00	5 50	12 50	13 80	0 19	30 00	24,331 00
H. A. Hanscom & Co.	3 00	0 20	6 00	7 80	6 75	12 75	14 75	0 18	30 00	24,297 50
T. H. Bryne	2 50	0 20	5 50	6 75	6 75	12 00	14 00	0 30	35 00	24,267 50
J. P. O'Connell	3 75	0 25	5 00	6 50	6 25	12 00	14 00	0 16	28 00	23,822 50
Richard Falvey	3 00	0 20	4 80	7 00	6 50	11 50	15 00	0 20	28 00	23,485 00
Richard J. Malone	4 00	0 30	5 00	6 50	6 00	11 00	13 00	0 20	29 00	23,435 00
William F. Cunningham	2 40	0 10	4 90	6 40	6 15	13 00	16 00	0 19	25 00	22,922 50
C. A. & C. E. Trumbull	2 35	0 15	5 60	7 06	6 66	11 50	14 00	0 20	30 00	22,689 00
Crimmings & Collins	2 85	0 12	4 35	5 50	5 75	10 85	14 25	0 17	24 00	21,375 50
Daniel A. Dorey & Co.	3 30	0 25	4 50	5 50	5 00	11 00	12 00	0 13	20 00	20,305 00

The contract was awarded Daniel A. Dorey & Co.

CANVASS OF BIDS JULY, 1897, FOR CONSTRUCTING STORM WATER DRAIN AND SEWER IN WINTHROP AVENUE.

Name of Bidder.	Earth Excavation per lin. ft.	Underdrain per lin. ft.	Amer. Cement Concrete (5-2-1) per cu. yd.	Port. Cement Concrete (5-2-1) per cu. yd.	Port. Cement Concrete (6-3-1) per cu. yd.	Amer. Cement Brick Masonry per cu. yd.	Port. Cement Brick Masonry per cu. yd.	Spruce Piles in Place per lin. ft.	Spruce Lumber in Place per M ft. B. M.	Total Bid.
E. W. Everson & Co.	$5 00	$0 50	$6 00	$6 90	$6 40	$12 00	$14 00	$0 25	$30 00	$26,800 00
Charles A. Mongan	4 50	0 25	5 50	7 00	6 50	13 00	17 00	0 20	22 00	26,470 00
Charles G. Craib	3 75	0 20	5 50	7 00	6 50	12 50	15 00	0 18	30 00	24 860 00
Felton, Holbrook, Cabot & Daly	6 05	0 15	4 50	6 37	5 70	10 40	11 62	0 15	21 00	24,491 80
Dennis F. O'Connell	4 50	0 12	4 50	6 00	5 50	12 50	13 80	0 19	30 00	24,331 00
H. A. Hanscom & Co.	3 00	0 20	6 00	7 50	6 75	12 75	14 75	0 18	30 00	24,297 50
T. H. Bryne	2 50	0 20	5 50	6 75	6 75	12 00	14 00	0 30	35 00	24,267 50
J. P. O'Connell	3 75	0 25	5 00	6 50	6 25	12 00	14 00	0 16	28 00	23,822 50
Richard Falvey	3 00	0 20	4 80	7 00	6 50	11 50	15 00	0 20	28 00	23,485 00
Richard J. Malone	4 00	0 30	5 00	6 50	6 00	11 00	13 00	0 20	29 00	23,435 00
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Crimmings & Collins	2 85	0 12	4 35	5 50	5 75	10 85	14 25	0 17	24 00	21,375 50
Daniel A. Dorey & Co.	3 30	0 25	4 50	5 50	5 00	11 00	12 00	0 13	20 00	20,305 00

The contract was awarded Daniel A. Dorey & Co.

quantity of surface water which is being discharged into this sewer from another watershed is diverted to its natural outlet; this can only be done by the construction of a drainage system in the Lowell railroad valley.

WINTER HILL AND EAST SOMERVILLE DISTRICT.

During the past year a beginning on the construction of the eastern district storm water system has been made, commencing at Mystic avenue and extending through Winthrop avenue to Broadway; this section built is a "basket handle" drain in shape, seven feet six inches high by seven feet one inch wide, the top half being a semi-circle, and the lower half having nearly perpendicular sides and a flattened bottom.

Five hundred and ninety-three feet of this structure is built on a four-inch spruce platform, supported on piles, capped with ten-inch by ten-inch spruce timbers, the piles varying in length from six feet to twenty-eight feet.

The invert of the drain and sides are built of four-inch Portland cement brickwork and the arch of eight-inch Rosendale cement brickwork, the sides and bottom being supported with Portland cement concrete, varying in thickness from six inches to ten inches.

The portion constructed is a part of the main outlet channel to Mystic river, which will eventually take branches from the East Somerville and Winter Hill districts, having a total area of more than five hundred acres.

When these two proposed branches are completed, having overflow connections with the present sewerage system, the streets which are flooded in time of heavy rainfall and cellars which are flowed with back sewage will be permanently relieved.

A branch for storm water could be extended from the Winter Hill branch of the proposed drain at Gilman square, in the Boston &Maine railroad location, which would give relief for an area of about one hundred acres in this valley.

The building of another section of the eastern district system on the northerly side of Mystic avenue, between Winthrop avenue

and Wheatland street, was necessitated the last year on account of the construction of a branch of the Metropolitan boulevard in this section of the city.

The new drain takes the place of an old box culvert which has been the outlet for more than twenty years for the drainage from a section of the city lying north of Broadway and west of Wheatland street.

The sewer is a circular structure, fifty inches in diameter, composed of Portland cement concrete and brickwork, the whole structure resting on a timber platform supported by piles driven through the marsh land into a clay foundation.

This structure is crossed at right angles by one of the forty-eight-inch Metropolitan water mains, which extends through the boulevard before referred to; the water pipe at this point being supported by heavy spruce timbers, laid horizontally and upright, resting on the sewer foundation, the weight of both structures being supported by large spruce piles. Charles C. McGrew & Co. were the contractors.

UNION SQUARE DISTRICT.

Another section of the city where the sewers are wholly inadequate to carry off the surface water in times of storms is the watershed adjacent to Union square, extending northerly on Summer street as far as School street and westerly to Concord square and the Cambridge line; the only way of relieving this flooded district is by the construction of a large storm-water drain to the nearest tide water outlet, namely, Miller's river, near the boundary line at East Cambridge.

The main line being in Somerville avenue, with branches through Newton street, Concord square and Springfield street, and in Bow street and Summer street. The main line could be extended from Union square westerly in Somerville avenue and Beacon street, as required, in the future.

CLARENDON HILL DISTRICT.

That section of the city west of Curtis street is the only part of Somerville which has no means of house drainage by sewers.

MYSTIC AVENUE STORM DRAIN, 50 INCH, Forbes Co., Bo
AT CROSSING WITH 48 INCH METROPOLITAN WATER MAIN.

A number of petitions have been received from property owners for the construction of sewers in different part of this locality, but nothing can be done in the way of construction of these lateral sewers until the main line, or trunk sewer, is constructed, connecting with the Metropolitan sewer along the easterly bank of Alewife brook. Only house drainage will enter this system of sewers, storm water being discharged into Alewife brook through separate channels.

This outlet, being across private lands, should be constructed at once, while the right of way is available.

METROPOLITAN SEWER CONNECTIONS.

All of the city's connections with the Metropolitan sewer mains have been made, with the exception of a small district in East Somerville, having its outlet at North Union street. This connection should be made at an early date.

A portion of the sewage in the West Somerville district is discharged through the city of Cambridge into the Metropolitan sewer, and also sewage from a small area at North Somerville is discharged through the city of Medford into the Metropolitan sewer.

About sixty-six and one-tenth miles of sewers, having over eleven thousand house connections in the city, are connected with the Metropolitan sewer mains.

Following is a table showing the annual cost paid by the city of Somerville to the Commonwealth of Massachusetts on account of the construction and maintenance of the Metropolitan sewerage system:—

Year.	Amount paid on Construction.	Amount paid on Maintenance.
1894	$22,230 79	$ 6,510 20
1895	29,872 56	6,964 40
1896	39,661 06	13,148 55
1897	39,260 25	13,292 25

SEWERS AND STORM DRAINS CONSTRUCTED IN 1897.

Twelve sewers have been constructed during the year, a length of five thousand seven hundred sixty-one and one-half linear feet, at a total cost of $6,810.10.

Four thousand five hundred and twelve dollars and seventy-seven cents being assessed on land owners, the city paying the balance of the cost. One sewer contracted for remained uncompleted December 31, 1897.

Two thousand six hundred and four linear feet of storm drains, costing $27,210.04, have been built the past year.

The total cost of constructing the sewerage system in the city to December 31, 1897, has amounted to about $810,000.00, and the total amount expended for storm relief drains, exclusive of land damage, about $60,550.00.

CATCH-BASINS.

Thirty-five catch-basins have been built the past year, at a total cost of $1,787.14, an average of $51.06 per basin.

The total number of catch-basins built in the city to December 31, 1897, are eight hundred and ninety-nine.

When the proposed storm-water drains are completed many needed basins can be constructed and thereby remove the surface water from streets which are at times flooded; these basins will save many dollars in the maintenance of the highways.

PRIVATE DRAINS.

Four hundred and seventy-four permits were granted the past year for laying private drains connecting buildings with the public sewers; all of these connections have been made by licensed drain layers, under the direction of the city's inspector and located and recorded in the Engineer's office. The cost of inspection has been $515.29, including changes made in drains on account of the laying of the Metropolitan water mains across the city.

TABLE SHOWING STORM DRAINS CONSTRUCTED 1896-1897.

District Benefited.	From	To	Contractor.	Material.	Size in Inches.	Length in Feet.	Cost.
East Somerville and Winter Hill:							
Mystic ave. . .	Winthrop ave.	Wheatland st.	Chas. C. McGrew & Co.	Brick and Concrete	50	726	$7,569 17
Winthrop ave. .	Mystic ave.	Broadway	Daniel A. Dorey & Co.	Brick and Concrete	90x85	1,268	19,241 53
Lowell R. R. Valley:							
Private lands (W. of Lowell st.)	Lexington & Arlington Br. R. R.	Hudson st.	City	Wood and Pipe	54x30, 24, 18, 15	865	1,390 86
Tannery Brook Valley:							
Tannery Brook Drain . . .	Clarendon ave. (in Cambridge)	Davis sq.	A. W. Bryne Construction Co.	Concrete and brick (with I-beams)	84x48, 60x48, 52x48	3,144	*31,942 76
Cameron ave. . .	Tannery Brook Drain	Northerly	City	Pipe	12	170	115 72
Gorham st. . . .	" " "	"	"	"	12	285	196 24
Jay st.	" " "	"	"	"	12	155	87 38
Total						6,613	$60,543 66

*Land damages excepted. Length in miles, 1.25.

MAINTENANCE.

A number of the old private sewers in the city are in poor condition and should be reconstructed at an early date; many complaints have been received on account of defective drainage, caused by the partial collapse of some of these old structures, which have been in the ground between twenty and thirty years.

A portion of the sewer system in the East Somerville district east of Cross street should have a number of manholes constructed on the different lines, for the purpose of inspecting and cleaning the different sewers.

In some streets there is no means of examining the sewer, and in many cases, the sewers have not been cleaned since their construction.

A new twelve-inch iron pipe has been laid under the tracks of the Boston & Lowell railroad, opposite the easterly line of the city farm lands, the eight-inch pipe originally constructed having become overcharged and continually blocking.

Through these two pipe lines the sewage from an area on the easterly side of the railroad is siphoned to the westerly side.

The total cost of this work amounted to $534.26.

In November the Somerville-avenue sewer at the boundary line between Somerville and Cambridge was found to be leaking badly on every tide. The sewer at this point is eight feet in diameter, the bottom being constructed of heavy timbers resting on piles and floored with planks; a section of this flooring had to be replanked and leaks calked with oakum and cement. The cost of repairing amounted to $193.32; the city of Cambridge paying $63.22.

The cost to the city for maintaining the Bridge-street sewer outlet in Cambridge for the year amounted to $1,997.73; this was five-ninths of the total cost for dredging and removing material which had collected at this outlet. As this sewer main in Somerville is connected with the Metropolitan sewer, there will probably be no further expense incurred in the future on account of this cleaning.

The cost of changing the grade and rebuilding manholes, the cleaning of cellars, the flushing, cleaning and general main-

tenance of the sewer system during the year 1897 has been $4,643.71.

The cost of changing the grade, rebuilding, repairing, cleaning, flushing and general maintenance of catch-basins during the year 1897 has been $3,223.19.

EXPENDITURES.

The total cost of work done under Sewers Construction account during the year 1897 has amounted to $40,635.67, which includes the amount expended for construction of storm relief drains.

The total cost of work done under Sewers Maintenance account during the year 1897 has amounted to $9,329.34.

HIGHWAYS.

Eleven streets have been accepted during the year, an aggregate length of one and eighteen hundredths miles, making the total length of public streets fifty-five and fifty-eight one-hundredths miles.

Ten private streets have been added the past year, making a total length of thirty-two and three one-hundredths miles.

The sum total public and private streets in the city December 31, 1897, is eighty-seven and sixty-one one-hundredths miles.

During the year twenty-five thousand one hundred and forty-seven feet, or four and three-quarters miles, of edgestone have been set and seven thousand eight hundred and forty-one yards of brick sidewalk constructed, making a total of about seventy-two miles of edgestone and about forty-five miles of brick sidewalk.

About one-fifth of a mile of paved streets have been constructed the last year, making a total length of two and fifteen one-hundredths miles of granite paved streets.

A double line of car tracks has been added in Beacon street, from the East Cambridge line to Somerville avenue, a length of six thousand one hundred feet. The total length of electric railroad tracks in the city December 31, 1897, was nineteen and nine-tenths miles.

In August, 1897, an order was adopted by the City Council, changing the grade of Middlesex avenue to a uniform grade of 16 throughout its entire length, in order that the Metropolitan Park Commission could establish this grade for the boulevard being constructed and joining this avenue; the Park Commission agreeing to pay the expense incurred. The work of lowering the grade is to be done by the Boston & Maine railroad company early in 1898.

SOMERVILLE AVENUE PAVING.

(Between Park street and Kent street.)

The following bids were received in July, 1897, for the labor of paving Somerville avenue, between the easterly line of Park street and the westerly line of Kent street, with granite blocks laid on a gravel foundation, the city furnishing all materials required, except sand and gravel:—

Name of Bidder.	Paving. Price per Cubic Yd.	Edgestone Reset. Price per Linear Ft.	Brick Sidewalk Relaid. Price per Square Yd.	Crossings Relaid. Price per Square Yd.	Total Aggregate.
Jones & Meehan . . .	$1.12	$ .18	$ .62	$1.50	$5,157.60
A. A. Libby & Co. . .	.90	.10	.34	.50	3,892.70
H. Gore & Co.	.83	.15	.43	.83	3,792.85
Soule, Dillingham & Co.	.84	.17	.35	.60	3,788.00

The contract was awarded Soule, Dillingham & Co. Rockport granite blocks of the best quality were used, furnished by the Pigeon Hill Granite Co. and delivered on the wharf in East Cambridge for $42.30 per thousand.

The total cost of the work was as follows:—

4,674.5 square yards granite block paving . . .	$3,926 58	
668.6 linear feet of edgestone reset	113 66	
170.8 square yards brick sidewalk relaid . . .	59 78	
156.1 square yards crosswalk laid	93 66	
Extra work cutting edgestone, flagging, etc. . . .	18 50	
		$4,212 18
190 square yards granite block paving (laid by the city)		236 35
112,617 granite blocks delivered	$4,763 70	
1,500 bricks	17 25	
17.2 linear feet edgestone (circle)	9 98	
1,247.4 square feet granite flagging delivered . . .	349 27	
		5,140 20
Building catch-basin		67 17
Inspection of work		87 50
Total cost		$9,743 40

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STREETS ACCEPTED IN 1897.

Name of Street.	Ward.	From	To	Width in Feet.	Length in Feet.
Alpine	3	Alpine st. . . .	Lowell st. . .	40	688
Browning road .	3	Sycamore st. .	Central st. . .	40	679
Dell	1	Glen st. . . .	Tufts st. . .	40	466
Grant	3	Broadway . .	Jaques st. . .	40	536
Ibbetson . . .	4	Somerville ave.	Lowell st. . .	40	802
Jay	4	Holland st. . .	Howard st. . .	40	534
Kent	4	Somerville ave.	Fitchburg R. R.	40	292
Kent	4	Fitchburg R. R.	Beacon st. . .	25	386
Princeton . . .	3	Alpine st. . .	Lowell st. . .	40	657
Sacramento . .	4	Somerville ave.	Fitchburg R. R.	40	80
Sacramento . .	4	Fitchburg R. R.	Beacon st. . .	40	290
Tower	4	Crown st. . .	Highland ave. .	40	559
Wheeler . . .	1	Pinckney st. . .	Mt. Vernon st. .	40	269
Total . . .	. .	. . . . .	. . . . .	. . .	6,238

BRIDGES AND SUBWAYS.

The seven iron bridges over the Boston & Maine railroad (Southern division) in Somerville are in good condition; the only repairing necessary is the replacing of sections of the plank flooring and painting some of the ironwork. Two old wooden structures still remain over this line of railroad, one at Sycamore street that is in fair condition and has but little travel, but the one at School street is in poor condition and should be rebuilt at an early date.

The highway bridge over Alewife brook at Broadway is in good condition but the bridge over this brook at Boston avenue needs repairing and strengthening.

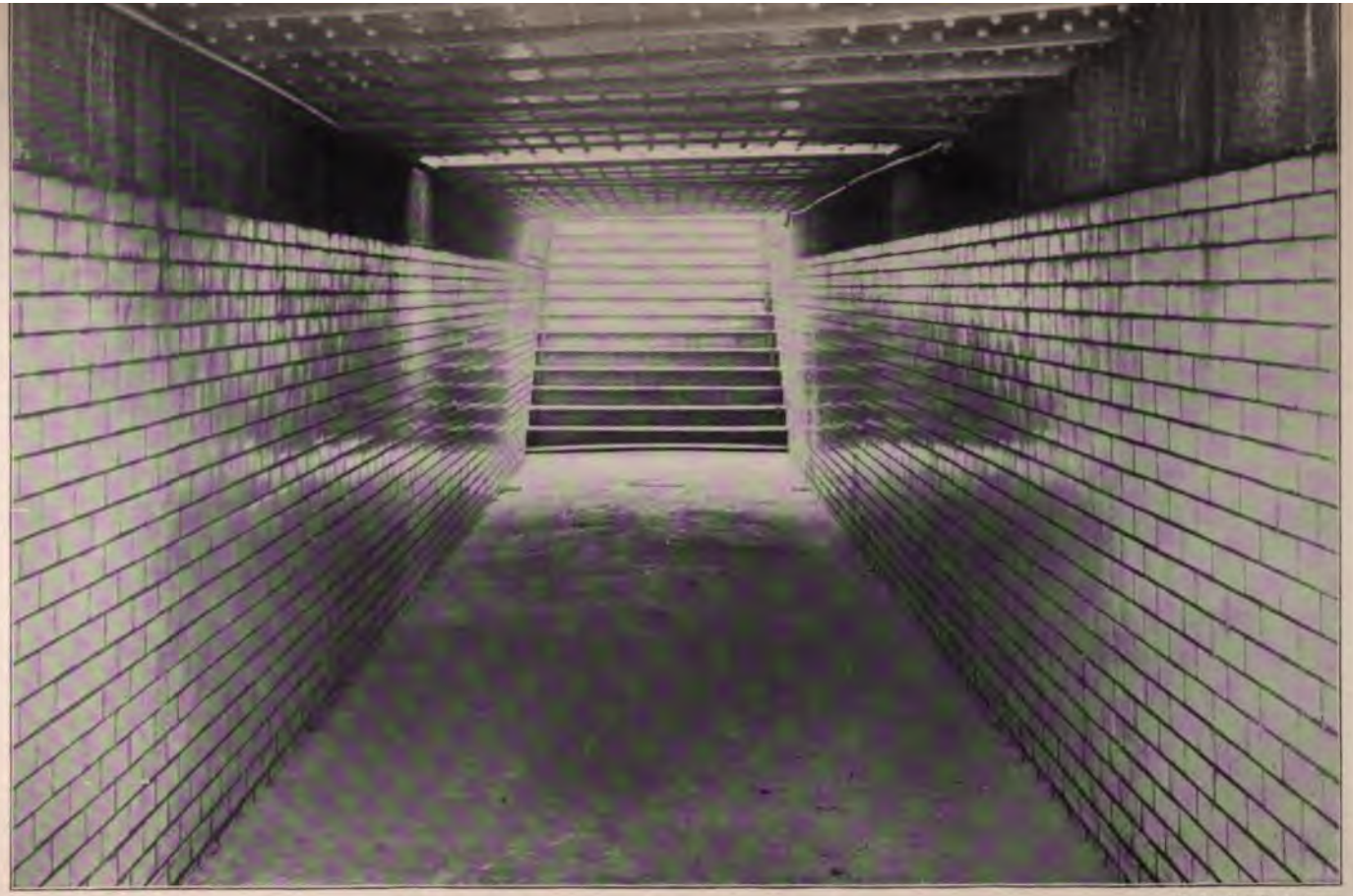
The bridge over Mystic river at Middlesex avenue has been used considerably the past year on account of the construction of the Metropolitan boulevard in this locality and is in poor condition.

This bridge is maintained jointly by the cities of Somerville and Medford, the total cost amounting to $1,337.82 in 1897.

There are three bridges over the Fitchburg railroad within the city's limits, which are all in the same general condition as last year, needing some repairing and painting. During the past year two subways have been constructed on the line of this railroad.

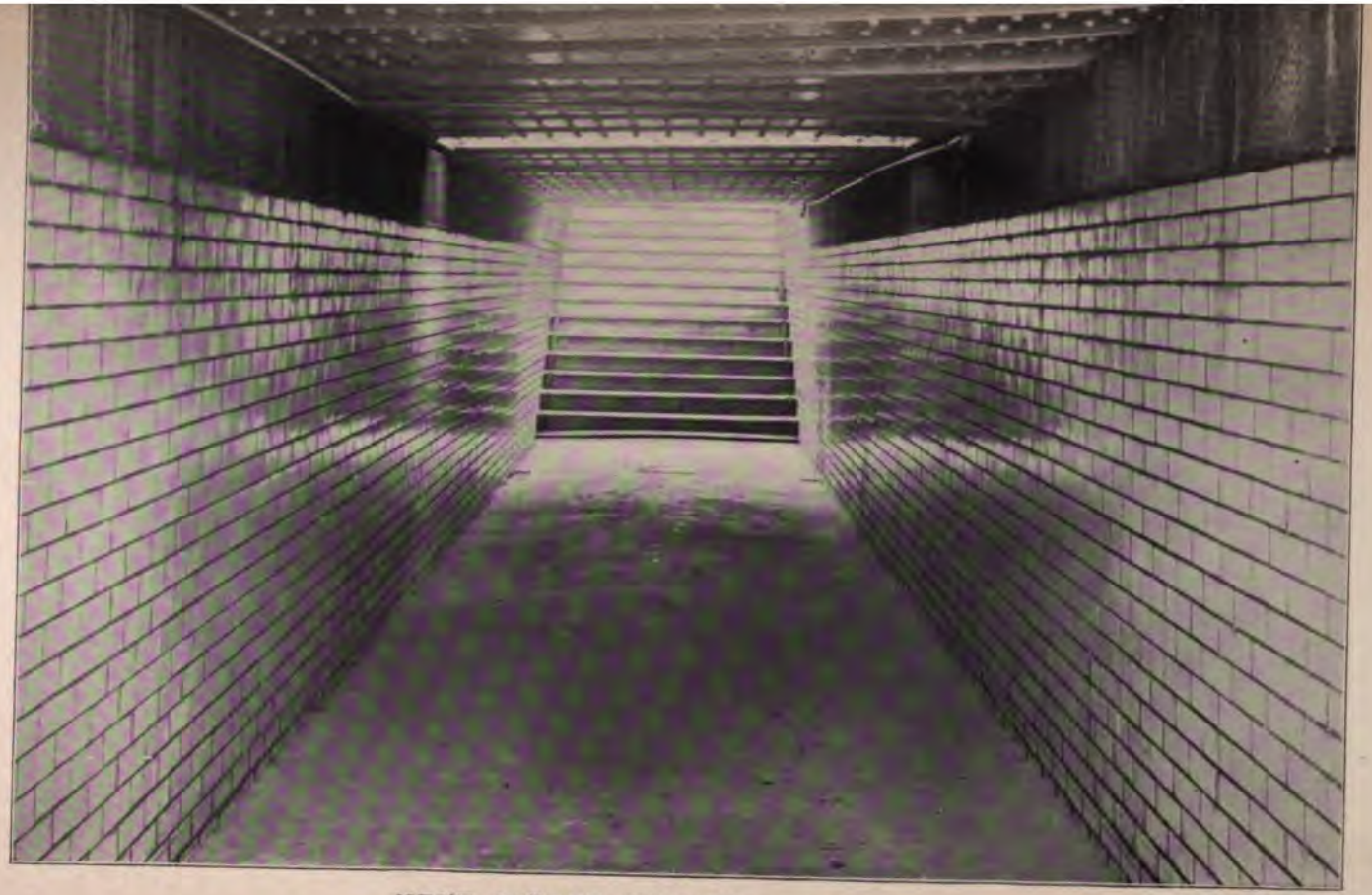
Numerous petitions have been presented to the City Council for a number of years past for some safe means of crossing the Fitchburg railroad company's tracks at Kent and Sacramento streets; but the streets being private ways and not under the control of the city, nothing has been done in the matter until the past year, when the streets were accepted by the city as public ways on either side of the railroad company's location and the county commissioners agreed to a crossing of the location by means of subways, thus connecting the dead ends of both streets and making public travel safe.

These subways are constructed for foot travel only, the one at Kent street being very difficult of construction, on account of the ground water encountered, the natural level of this water being nearly two feet above the finished floor of the structure and having



Forbes Co., Boston.

KENT STREET SUBWAY, AS COMPLETED.



KENT STREET SUBWAY, AS COMPLETED.

Forbes Co., Boston.

no means of drainage, as the sewers in this vicinity are at a higher elevation; also the location of two lines of water pipes and a sewer had to be changed

The outer side walls of this subway are built of concrete and rubble granite masonry, the inside face of these walls being lined with cream-colored glazed brick; the entrance steps are granite with a flooring of granolithic and the roof being an iron trough plate bridge for carrying four tracks of the Fitchburg railroad.

Between the inner and outer side walls and beneath the floor a waterproof lining has been laid, preventing the ground water from entering the subway and a watertight well constructed, to take care of the surface water from the entrance steps in times of storms; there is also an air space between these walls that prevents moisture on the inside finish.

The side walls at the entrances are capped with a granite coping, on which are iron rail fences. The lighting is by incandescent lamps.

The Sacramento-street subway is of similar design and construction, no waterproofing being required, however, as the ground and surface water are taken care of by means of drains to the city's sewers.

The total length of each subway is about eighty-seven feet, with a width of eight feet and a head room of seven feet. The firm of Holbrook, Cabot & Daley were the contractors, constructing both subways.

The total cost of both subways complete is about $11,500.00, the Fitchburg railroad company paying $5,500.00 of this amount and the city the balance.

If at some future time a passage for carriages and teams should be required at Sacramento street, a subway drive could be constructed on either side of the present work, leaving the subway built this last year as a separate and independent passageway for foot travel, with no danger from passing teams.

PUBLIC GROUNDS.

The same policy in the maintenance of the city's public parks has been followed as in the previous year, expending all the available money in the appropriation by the adornment of the grounds with ornamental beds of flowers and bulbs in their seasons.

An aquatic display of pond lilies and water grasses in the pond on Broadway park, some extra flower beds on Central Hill park and a number of beds on Nathan Tufts park have been added the past season.

Florist J. W. Howard has furnished all plants, flowers, bulbs and shrubbery used on the public grounds of the city during the last two years.

At the Walnut-street end of Central Hill park the grounds around the new City Hall Annex have been regraded and new walks and steps constructed; the School-street slope in the rear of the Public Library and City Hall buildings has been graded, completing the entire park area between Walnut and School streets.

A portion of the field known as "Sanborn field," situated in Ward 2, on the southerly side of Washington street and west of the Fitchburg railroad, comprising five and thirty-four hundredths acres, was purchased by the city in July, 1897, at a cost of $33,000.00 for park purposes. A strip of land about seventy feet wide on the southerly side of the field being reserved for house lots and purchased by private parties, there being building restrictions placed on the sale of this strip of land, so that when fully built upon first-class residences will face on the new park.

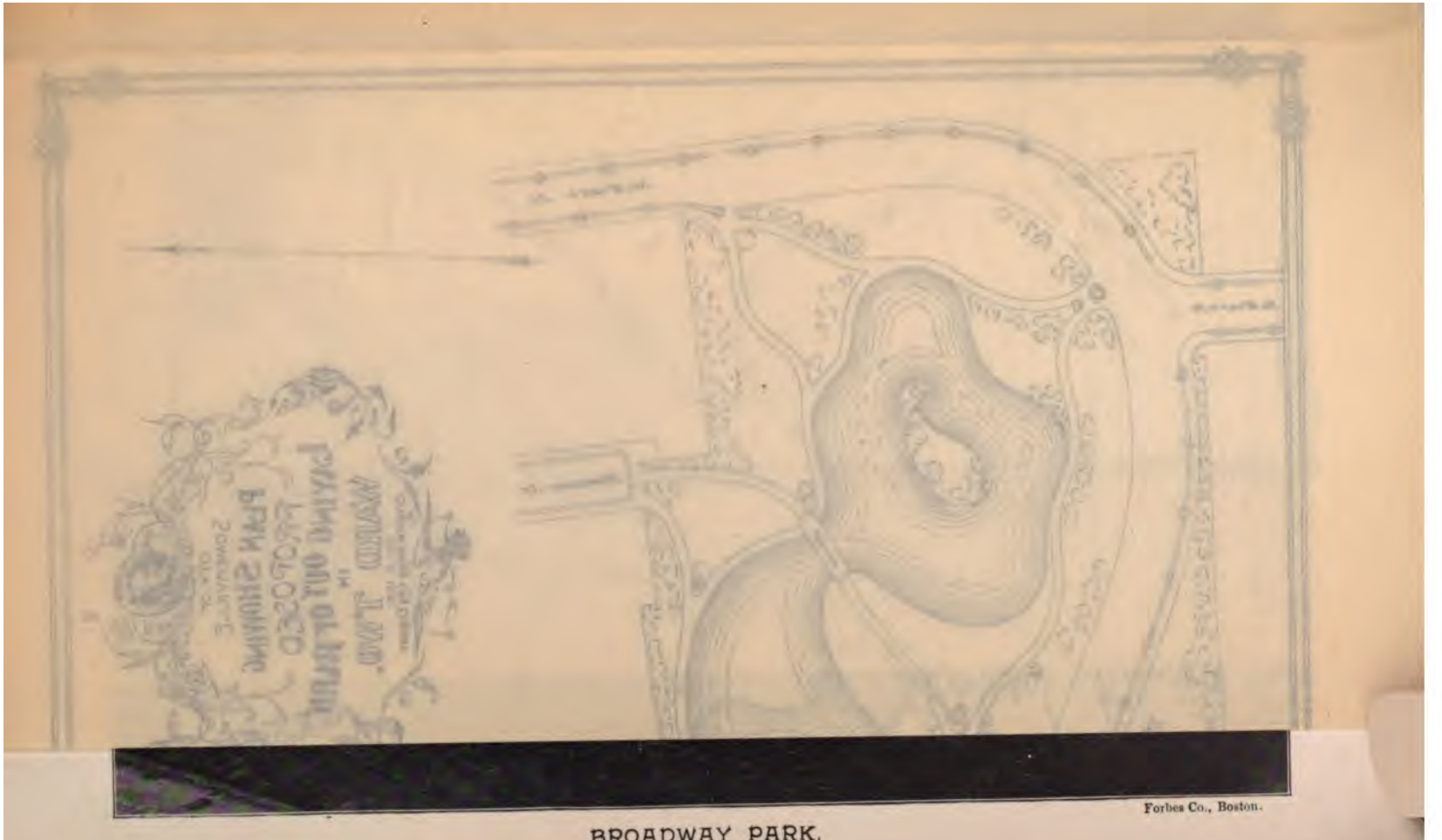
It is proposed to lay out the newly-acquired area in conjunction with the Wyatt pit property adjoining, the whole park area comprising eight and twenty-six hundredths acres.

By the filling of the Wyatt pit, that section of the proposed park could be constructed as an arboretum and the remaining area as a playstead, which would include a baseball, football and general playground, combined with walks and drives, making one of the finest athletic fields and pleasure parks in the vicinity.

At present there are practically no public playgrounds maintained by the city, but at comparatively small expense, the area

Forbes Co., Boston.

BROADWAY PARK.



Forbes Co., Boston.

BROADWAY PARK.

located on the corner of Glen street and Oliver street could be graded and put in a suitable condition for that section of the city; the field at the corner of Broadway and Cedar street could likewise be graded and improved; and by the construction of the Ward 2 park, before referred to, Somerville would have three playgrounds conveniently located for the different sections of the city. These fields could be controlled and maintained by the Public Grounds Department at a small annual expense.

The following areas are maintained by the Public Grounds Department:—

Broadway park	15.9	acres
Broadway parkway	1.4	"
Central Hill park	13.1	"
Nathan Tufts park	4.5	"
"Sanborn field" and Wyatt pit . . .	8.3	"
Land corner Broadway and Cedar street .	3.7	"
Land corner Glen street and Oliver street	.9	"
Somerville avenue cemetery . . .	.7	"
Land on Elm street, opposite Morrison street	.4	"
Total	48.9	acres

The items of expenditure on public grounds for the season of 1897 have been as follows:—

BROADWAY PARK.

Labor, care of walks, grass, shrubbery and flower beds .	$1,146 88	
Labor, removing snow from pond and care of ice for skating .	261 29	
Labor, police service (including cost of uniforms) . .	161 34	
Labor, trimming trees and destroying brown-tail moth .	65 00	
Amount carried forward .		$1,634 51

Amount brought forward .	$1,684 51	
Teaming and use of horses . .	77 78	
Use of water, season of 1897 .	15 00	
Raising and lowering of flag-staff and repairing . .	24 00	
Tools and sundry supplies . .	41 26	
Repairing tools, horse and hand mowers	43 75	
Repairing and painting settees .	20 50	
Painting building . . .	85 00	
Regravelling walks (material) .	63 32	
Lawn seed and fertilizer . .	40 28	
Plants, flowers, foliage and water grasses	184 00	
		$2,229 40

BROADWAY PARKWAY.

Labor, care of grass and plants .	$201 00	
Use of horse	10 00	
Repairs of fence	10 80	
Repairing and painting rustic baskets	16 00	
Plants, flowers and foliage . .	100 00	
		337 80

CENTRAL HILL.

Labor, care of walks, grass, shrubbery and flower beds .	$767 00	
Labor, removing snow and ice from walks . . .	151 02	
Labor, trimming trees and destroying brown-tail moth .	30 00	
Amounts carried forward .	$948 02	$2,567 2(

Amounts brought forward .	$948 02	$2,567 20
Teaming and use of horses .	40 19	
Use of water, season of 1897 .	24 00	
Tools and sundry supplies . .	12 34	
Repairing tools, horse and hand mowers	39 57	
Repairing and painting settees and steps	31 37	
Painting hand rails and cannon .	30 00	
Lawn seed and fertilizer . .	99 87	
Construction of driveway, side entrance to City Hall .	205.13	
Regrading rear City Hall, Library and School-street slope	182 43	
Steps, School-street slope (unpaid bill 1896) . . .	160 08	
Constructing walks and grading City Hall Annex, Walnut street	157 42	
Plants, flowers and foliage . .	235 00	
Bulbs and planting . . .	114 25	
		2,279 67

NATHAN TUFTS PARK.

Labor, care of walks, grass, shrubbery and flower beds .	$579 75	
Use of water, season of 1897 .	15 00	
Tools and sundry supplies .	1 70	
Repairing and sharpening hand mowers	11 42	
Repairing and painting settees .	17 51	
Lawn seed and fertilizer . .	41 00	
Amounts carried forward .	$666 88	$4,846 87

Amounts brought forward .	$666 38	$4,846 87
Regravelling walks (material) .	5 44	
New water pipe and sprinklers .	18 70	
Plants, flowers and foliage . .	54 50	
Bulbs and planting . .	20 00	
		765 02

SOMERVILLE AVENUE CEMETERY.

Labor, care of walks and grass .	$86 00	
Labor, trimming trees and destroying brown-tail moth .	12 00	
Use of water, season of 1897 .	5 00	
Repairing hand mowers . .	5 62	
		108 62

WARD TWO PARK.

Purchase of "Sanborn field" .	$33,000 00	
Taxes for 1897	580 65	
Wyatt pit filling . . .	8 00	
		33,588 65

MISCELLANEOUS.

Labor, clearing playgrounds corner Glen and Oliver streets	$13 34	
Labor, grading at Knapp schoolhouse	35 00	
Labor, setting stone bounds Central Fire Station lot .	3 38	
Express, hack hire, etc. . .	17 00	
		68 72
Total expended		$39,377 88
Amount carried forward		$39,377 88

Amount brought forward		$39,877 88
CREDIT.		
Appropriation for maintenance of public grounds . .	$6,000 00	
Appropriation for purchase of "Sanborn field" . . .	33,000 00	
Schoolhouse Incidentals account	35 00	
Fire Department account . .	3 38	
City Hall Improvement account	40 00	
Miscellaneous account, Fourth of July celebration .	15 00	
Interest account	20 00	
West End Street Railway Co., care of Parkway, 1894-1897	200 00	
Nevermissit Tennis Club, rent of grounds	25 00	
Total credit		39,338 38
Public Grounds account overdrawn .		$39 50

WATER WORKS.

During the past year two lines of the forty-eight-inch Metropolitan water mains have been laid across the city; the route of the main in the easterly section of the city being through Norfolk street, Webster avenue, Union square, Bow street, the entire length of Walnut street across Broadway, through Chauncey avenue, crossing Mystic avenue, extending through the new Fells boulevard and a portion of Middlesex avenue, thence under the Mystic river; the route of the main in the westerly section enters from Beech street, Cambridge, crossing Elm street, thence through the entire length of Willow avenue, across Broadway and private lands to Boston avenue in the city of Medford.

The laying of these large water mains caused many changes in the city's sewer mains, catch-basins and house drains. Five hundred and eighty-five feet of new pipe sewer had to be constructed, the location and grade of seven old sewers changed, three catch-basins reconstructed and forty house drains relocated and repaired. There are seven blow-off connections with the city's sewer system to be used for emptying the Metropolitan mains whenever necessary.

Whenever requested by the Water Department, the sizes of water mains for new sections of the city and for the relaying of old cement mains with new iron pipe has been determined and lines and grades given for laying.

Five hundred and sixty-two water services, sixty hydrants, and sixty-three gates have been accurately located and recorded for future reference.

MISCELLANEOUS.

Perambulation of boundary lines between Somerville and Medford.—December 16, 1897, a committee, consisting of the Superintendent of Streets and City Engineer, representing the City of Somerville, and a committee from the City of Medford examined all the bounds defining the division line between the two cities and made their report to the City Council.

Boundary line between Somerville and Cambridge.—Under an order approved May 14, 1897, surveys have been completed, and accurate plans made showing the boundary line between the cities of Somerville and Cambridge, with all streets, buildings, lot lines. areas and assessed valuations within three hundred feet of the line. One general plan was made on a scale of 200 feet to an inch, showing the whole length of the boundary line and twelve sub-plans on a scale of forty feet to an inch, showing sections. The total length of the boundary line between Miller's river and Alewife brook being four and two-tenths miles.

Street Numbering—Numbering plans have been made of new streets and some of the old streets renumbered, all buildings

have been located on these plans and their proper number assigned, that the water and assessors' departments may make their assessments correctly.

A number of streets crossing the Somerville-Cambridge boundary line should be renumbered, to prevent the inconvenience now caused the residents by the duplication of numbers.

Street Monuments—In many of the preceding engineer's reports, the importance of setting stone bounds to properly mark the intersections of street lines and angles has been fully explained. An appropriation sufficient to establish at least two hundred stone bounds in the sections of the city where they are most needed should be made and this work continued each year.

Office Work—Plans, profiles, sections, calculations for assessments, etc., have been made for all sewers and sidewalks constructed and streets accepted during the year. All house lot plans of Somerville filed at the Middlesex Registry of Deeds have been copied and all conveyances affecting the different assessments have been examined and recorded in this office for future reference.

ERNEST W. BAILEY,
City Engineer.

TABLE SHOWING THE LOCATION, LENGTH, AND WIDTH OF PUBLIC AND PRIVATE STREETS.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Adams	Broadway	Medford st.	Public.	40	900	....
Adrian	Marion st.	Joseph st.	Private.	40	....	530
Albion pl.	Albion st.	Northeasterly	Private.	10	....	80
Albion	Central st.	Cedar st.	Public.	40	2,742	....
Albion	Broadway	Medford line	Private.	50	....	100
Aldersey	Walnut st.	Vinal ave.	Public.	40	506	....
Aldrich	Pearl st.	B. & L. R. R.	Public.	40	611	....
Alfred	Broadway	Medford line	Private.	50	....	50
Allen	Somerville ave.	Charlestown st.	Private.	25	....	680
Allen ct.	Park st.	Northwesterly	Private.	20	....	150
Alpine	Cedar st.	Southeasterly	Private.	30	....	670
Alpine	Alpine st.	Lowell st.	Public.	40	688	....
Alston	Cross st.	Shawmut pl.	Private.	40	....	430
Ames	Bartlett st.	Robinson st.	Public.	40	580	....
Appleton	Willow ave.	Clifton st.	Public.	40	510	....
Appleton	Clifton st.	Liberty ave.	Private.	40	....	120
Arlington	Franklin st.	Lincoln st.	Public.	40	440	....
Arnold ave.	Porter st.	Southeasterly	Private.	15	....	127
Arnold ct.	Beacon st.	Northeasterly	Private.	10	....	115
Arthur ct.	Linden st.	Easterly	Private.	about 10	....	100
Arthur	Broadway	Bonair st.	Public.	40	438	....
Ash ave.	Meacham st.	Northeasterly	Private.	40	....	705
Ashland	Summer st.	Sartwell ave.	Private.	30	....	470
Asylum ave.	Washington st.	McLean Asylum	Private.	about 30	....	2,000
Atherton	Central st.	Beech st.	Private.	40	....	264
Auburn ave.	Cross st.	B. & L. R. R.	Private.	30	....	600
Austin	Broadway	Mystic ave.	Public.	40	680	....
Autumn	Broadway	Bonair st.	Private.	20	....	420
Avon	School st.	Central st.	Public.	40	1,360	....
Avon pl.	Cross st.	B. & L. R. R.	Private.	25	....	150
Ayer ave.	Morrison ave.	Boston ave.	Private.	70	....	1,500
Banks	Elm st.	Summer st.	Public.	40	639	....
Bartlett	Vernon st.	Medford st.	Public.	40	820	....
Bartlett	Medford st.	Broadway	Private.	40	...	730
Bartlett	Washington st.	Asylum grounds	Private.	20	....	200
Bay State ave.	Broadway	Fosket st.	Private.	40	....	1,197
Beach ave.	Webster ave.	Columbia st.	Private.	about 20	....	200
Beacon pl.	Beacon st.	Northeasterly	Private.	15	....	200
Beacon	Cambridge line	Somerville ave.	Public.	66	6,100	....
Beacon ter.	Somerville ave.	Northeasterly	Private.	24	....	110
Bean's ct.	Cutter st.	Southeasterly	Private.	16	....	100
Bedford	South st.	Cambridge line	Private.	30	....	160
Beech	Somerville ave.	Spring st.	Public.	40	800	....
Bellevue ter.	Albion st.	Northeasterly	Private.	20	....	90
Belmont	Somerville ave.	Highland ave.	Public.	40	2,175	....
Belmont pl.	Belmont st.	Southeasterly	Private.	25	....	175
Benedict ave.	Broadway	Benedict st.	Private.	20	....	200
Benedict	Union st.	Austin st.	Public.	40	600	....
Bennett ct.	Bennett st.	Prospect st.	Private.	10	....	100
Bennett	Prospect st.	Bennett ct.	Private.	40 to 25	....	400
Benton road	Summer st.	Highland ave.	Private.	40	....	924
Benton ave.	Highland ave.	Hudson st.	Public.	40	286	....
Berkeley	School st.	Central st.	Public.	40	1,360	....
Berwick	Lawrence st.	Northwesterly	Private.	20	....	170
Bigelow	Boston st.	High st.	Public.	50	208	....
Billingham	Broadway	William st.	Public.	40	563	....
Bishop's pl.	Glen st.	Easterly	Private.	10	....	75
Blakeley ave.	Winthrop ave.	Cross st.	Private.	40	....	630
Bleachery ct.	Somerville ave.	Fitchburg R. R.	Private.	30	....	450

TABLE SHOWING THE LOCATION, LENGTH, AND WIDTH OF PUBLIC AND PRIVATE STREETS. — *Continued.*

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Bolton	Oak st.	Houghton st.	Private.	40	....	500
Bonair	Cross st.	Walnut st.	Public.	40	1,470	....
Bond	Broadway	Jaques st.	Public.	40	640	....
Bonner ave.	Washington st.	Columbus ave.	Public.	40	450	....
Boston ave.	Medford line	Mystic river	Public.	60	910	....
Boston ave.	Broadway	Medford line	Public.	50	80	....
Boston ave.	Cedar st.	Broadway	Private.	50	....	1,120
Boston	Washington st.	Prospect Hill ave.	Public.	45	630	....
Boston	Prospect Hill av.	Walnut st.	Public.	40	1,250	....
Bow	Union sq.	Wesley sq.	Public.	60	600	....
Bow	Wesley pk.	Somerville ave.	Public.	50	500	....
Bowdoin	Washington st.	Southerly	Private.	40	....	370
Bow St. pl.	Bow st.	Northwesterly	Private.	40	....	300
Bradford ave.	School st.	Southeasterly	Private.	40	....	150
Bradley	Pearl st.	Walter st.	Public.	40	762	....
Brastow ave.	Lowell st.	Porter st.	Public.	40	686	....
Broadway	Charlestown line	Cross st.	Public.	100	2,590	....
Broadway	Cross st.	Marshall st.	Public.	100 to 200	2,060	....
Broadway	Marshall st.	Main st.	Public.	100	1,570	....
Broadway	Main st.	Top of hill	Public.	100 to 90	1,030	....
Broadway	Top of hill	Albion st.	Public.	90	2,540	....
Broadway	Albion st.	Willow ave.	Public.	90 to 70	1,030	....
Broadway	Willow ave.	Paulina st.	Public.	70	3,250	....
Broadway	Paulina st.	Arlington line	Public.	65	3,220	....
Broadway pl.	Broadway	Southwesterly	Private.	22	....	250
Bromfield road	Elm st.	Professors' row	Private.	40	....	1,2[illegible]0
Brook	Glen st.	Cross st.	Public.	40	500	....
Brook	Dover st.	Northerly	Private.	40	....	200
Browning road	Sycamore st.	Central st.	Public.	40	679	....
Buckingham	Beacon st.	Dimick st.	Public.	40	300	....
Burnside ave.	Elm st.	Summer st.	Public.	40	720	....
Caldwell pl.	Washington st.	Southerly	Private.	20	....	210
Calvin	Beacon st.	Dimick st.	Private.	40	....	250
Calvin	Dimick st.	Washington st.	Private.	30	....	395
Cambria	Central st.	Benton ave.	Public.	40	488	....
Cameron ave.	Holland st.	Cambridge line	Public.	60	1,000	....
Campbell pk.	Meacham st.	Kingston st.	Public.	40	399	....
Campbell Pk. pl.	Kingston st.	Arlington Br. R.R.	Private.	20	....	84
Carlton	Somerville ave.	Lake st.	Public.	40	300	....
Carver	Porter st.	Northwesterly	Private.	40	....	156
Cedar	Elm st.	Broadway	Public.	40	4,150	....
Cedar ave.	Cedar st.	Linden ave.	Private.	22	....	290
Cedar St. pl.	Murdock st.	Southwesterly	Private.	20	....	220
Central	Somerville ave.	Summer st.	Public.	33	1,150	....
Central	Summer st.	Medford st.	Public.	40	2,480	....
Central	Medford st.	Broadway	Public.	45	1,070	....
Centre	Albion st.	B. & L. R. R.	Private.	35	....	200
Chandler	Park ave.	Broadway	Public.	40	1,232	....
Chapel	Elm st.	Chandler st.	Public.	40	273	....
Chapel ct.	Sycamore st.	Northwesterly	Private.	12	....	130
Charles	Washington st.	Ayslum grounds	Private.	30	....	200
Charlestown	Allen st.	Easterly	Private.	15	....	400
Charnwood road	Willow ave.	Gordonia road	Private.	40	....	588
Chauncey ave.	Broadway	Mystic ave.	Public.	50	1,320	....
*Chelsea	Mystic ave.	Melrose st.	Private.	50	....	1,390
Cherry	Elm st.	Highland ave.	Public.	45	1,450	....
Chester	Elm st.	Cambridge line	Public.	40	850	....
Chester ave.	Medford st.	Angle	Public.	about 22	220	....
Chester ave.	Angle	Cross st.	Private.	20	....	445

* Proposed.

TABLE SHOWING THE LOCATION, LENGTH, AND WIDTH OF PUBLIC AND PRIVATE STREETS. — *Continued.*

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Chester pl.	Chester st.	Northwesterly	Private.	40	....	200
Chestnut	Poplar st.	Southeasterly	Private.	40	....	540
Church	Summer st.	Somerville ave.	Public.	40	560	....
Church (south)	Somerville ave.	Lake st.	Public.	40	340	....
Church St. pl.	Church st. (south)	Northwesterly	Private.	25	....	170
Claremon	Holland st.	Mead st.	Public.	40	500	....
Clarendon ave	Broadway	Cambridge line	Private.	40	....	1,210
Clark	Newton st.	Northwesterly	Private.	35	....	450
Cleveland	Central st.	Elm place	Private.	40	—	270
Clifton	Appleton st.	Morrison st.	Public.	40	240	....
Clifton	Morrison st.	Arlington Br. R.R.	Private.	40	....	220
Clyde	Cedar st.	Murdock st.	Private.	30	....	600
College ave.	Broadway	Medford line	Public.	50	1,700	....
Columbia	Glass House ct.	Cambridge line	Private.	40	....	550
Columbia ct.	Columbia st.	Webster ave.	Private.	9	....	150
Columbus ave	Land of Clark	Walnut st.	Public.	40	1,600	....
Columbus ct.	Washington st.	Northerly	Private.	30	....	100
Concord ave	Prospect st.	Leon st.	Public.	40	1,500	....
Concord ave.	Leon st.	Beacon st.	Private.	30	....	470
Congress pl.	Linwood st.	Southwesterly	Private.	16	....	200
Conlon ct.	Columbia st.	Easterly	Private.	20	....	200
Conwell ave.	Curtis st.	Westerly	Private.	40	....	600
Conwell	Highland ave.	Southwesterly	Private.	35	....	360
Cook	Marion st.	W. of So. Wyatt st.	Private.	40	....	450
Cooney	Beacon st.	Line st.	Private.	26	....	220
Cottage ave	Russell st.	Chester st.	Public.	40	500	....
Cottage circle	Cottage ave	Southwesterly	Private.	25	....	87
Cottage pl.	Washington st.	Northwesterly	Private.	about 11	....	150
Craigie	Somerville ave.	Summer st.	Public.	50	1,250	....
Crescent	Washington st.	Pearl st.	Private.	30 to 38	....	650
Crocker	Highland ave.	Crown st.	Public.	40	524	....
Cross	Medford st.	Broadway	Public.	45	2,650	....
Cross	Broadway	Mystic ave.	Public.	40	1,100	....
Cross St. pl.	Cross st.	Northwesterly	Private.	24	....	150
Crown	Porter st.	Lowell st.	Private.	30	....	700
Curtis	Broadway	Medford line	Public.	40	2,300	....
Cutler	Lawrence st.	Northwesterly	Private.	20	....	170
Cutter	Broadway	Webster st.	Public.	40	740	....
Cutter ave.	Summer st.	Highland ave.	Public.	40	430	....
Cutter pl.	Cutter ave.	Northwesterly	Private.	30	....	155
Cypress	Central st.	Beech st.	Public.	40	262	....
Dana	Bonair st.	Pearl st.	Public.	40	690	....
Dane	Somerville ave.	Washington st.	Public.	40	1,270	....
Dane ave.	Dane st.	Easterly	Private.	30	....	600
Dartmouth	Medford st.	Broadway	Public.	40	1,450	....
Day	Elm st.	Cambridge line	Public.	40	940	....
*Dean ave.	Morrison ave.	Boston ave.	Private.	40	....	1,145
Delaware	Aldrich st.	Pearl st.	Public.	40	451	....
Dell	Glen st.	Tufts st.	Public.	40	466	....
Derby	Temple st.	Grant st.	Public.	40	831	....
Derby	Grant st.	Wheatland st.	Private.	40	....	200
Dexter	Broadway	Medford line	Private.	50	....	25
Dickinson	Springfield st.	Beacon st.	Public.	40	770	....
Dimick	Concord ave.	Calvin st.	Private.	40	....	860
Distillhouse	South st.	Cambridge line	Private.	35	....	150
Dix pl.	Linwood st.	Southwesterly	Private.	10	....	100
Dover	Elm st.	Cambridge line	Public.	40	940	....
Dow	North st.	Easterly	Private.	40	....	645
Downer pl.	Downer st.	B. & L. R. R.	Private.	20	....	125

*Proposed.

TABLE SHOWING THE LOCATION, LENGTH, AND WIDTH OF PUBLIC AND PRIVATE STREETS. — *Continued.*

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Downer	Nashua st.	Southeasterly	Private.	20	....	120
Dresden circle	Cutter ave.	Westerly	Private.	30	....	133
Durham	Beacon st.	Hanson st.	Private.	40	....	450
Earle	South st.	Fitchburg R. R.	Private.	30	....	500
East Albion	E. of Moreland st.	Medford line	Private.	40	....	490
Eastman pl.	Highland ave.	Southwesterly	Private.	40	....	300
East Newton	Prospect st.	Webster ave.	Public.	25	470	....
*Edgeworth	Mystic ave.	Melrose st.	Private.	50	....	1,380
Edmands	Broadway	Southwesterly	Private.	40	....	525
Edmonton ave.	Cross st.	Winthrop ave.	Private.	40	....	630
Electric ave.	Curtis st.	Packard ave.	Public.	40	681	....
Eliot	Vine st.	Park st.	Public.	40	260	....
Ellington road	Highland ave.	Northeasterly	Private.	35	....	120
Ellington road	West st.	Northwesterly	Private.	30	....	405
Ellsworth	Cross st.	Rush st.	Public.	40	210	....
Elm ct.	Villa ave.	Northwesterly	Private.	18	....	70
Elm pl.	Harvard st.	Easterly & west'ly	Private.	30	....	400
Elm	Somerville ave.	Cherry st.	Public.	63	1,500	....
Elm	Cherry st.	White st.	Public.	63 to 60	330	....
Elm	White st.	Banks st.	Public.	60	660	....
Elm	Banks st.	Beech st.	Public.	60 to 77.5	290	....
Elm	Beech st.	Tenney st.	Public.	77.5 to 60	570	....
Elm	Tenney st.	Medford line	Public.	60	4,300	....
Elmwood	Holland st.	Cambridge line	Private.	40	....	970
Elmwood ter.	Elmwood st.	Easterly	Private.	20	....	190
Elston	Elm st.	Summer st.	Public.	40	396	....
Emerson	Everett st.	Newton st.	Private.	30	....	170
Emery	Fitchburg R. R.	South st.	Private.	30	....	530
Endicott ave.	Broadway	Southwesterly	Private.	40	....	800
Essex	Medford st.	Richdale ave.	Public.	40	232	....
Eustis ct.	Beacon st.	Southwest	Private.	30	....	150
Everett	Webster ave.	Newton st.	Private.	30	....	350
Everett ave.	Cross st.	Dana st.	Public.	40	800	....
Evergreen ave.	Marshall st.	Sycamore st.	Public.	40	1,320	....
Evergreen sq.	Porter st.	Southeasterly	Private.	8	....	200
Fairlee	Cherry st.	Northwesterly	Private.	30	....	150
Fairmount ave.	Curtis st.	Northwesterly	Private.	40	....	700
Fanning ave.	Highland ave.	Lexington ave.	Public.	50	376	....
Farragut ave.	Broadway	Southwesterly	Private.	40	....	840
Fenwick	Broadway	Heath st.	Public.	40	340	....
Fisk ave.	Hinckley st.	Lowell st.	Private.	20 & 25	....	460
Fitchburg ct.	Fitchburg st.	Southeasterly	Private.	10	....	225
Fitchburg	Linwood st.	B. & L. R. R.	Private.	40	....	400
Fitchburg	Linden st.	Easterly	Private.	20	....	300
Flint ave.	Flint st.	Northerly	Private.	40	....	200
Flint	Franklin st.	Aldrich st.	Public.	40	1,773	....
Florence	Washington st.	Perkins st.	Public.	40	1,280	....
Florence ter.	Jaques st.	Southwesterly	Private.	20	....	90
Forrest	Beacon st.	Cambridge line	Public.	40	150	....
Forster	Sycamore st.	Central st.	Private.	30	....	430
Foskett	Willow ave.	Liberty ave.	Private.	40	....	670
Fountain ave.	Cross st.	Glen st.	Private.	30	....	550
Francesca ave.	Elm st.	Liberty ave.	Public.	40	762	....
Francis	Porter st.	Conwell st.	Private.	30	....	180
Franklin ave.	Washington st.	Franklin st.	Private.	20	....	500
Franklin ct.	Somerville ave.	B. & L. R. R.	Private.	....	....	200
Franklin pl.	Franklin st.	Southeasterly	Private.	15	....	100
Franklin	Broadway	Northerly	Private.	40	....	120

*Proposed.

TABLE SHOWING THE LOCATION, LENGTH, AND WIDTH OF PUBLIC AND PRIVATE STREETS.—*Continued.*

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Franklin	Broadway	Washington st.	Public.	40+	2,220	....
*Frederick ave.	Willow ave.	Cedar st.	Private.	45	....	1,300
Fremont	Main st.	Near Mystic ave.	Private.	40	....	1,307
Fremont ave.	Parker st.	Easterly & west'ly	Private.	30	....	235
Frost ave.	Somerville ave.	Dane st.	Private.	35	....	530
Garden ct.	Somerville ave.	Fitchburg R. R.	Private.	25	....	370
Garfield ave.	Broadway	Mystic ave.	Private.	45	....	1,180
Garrison ave.	Broadway	Southwesterly	Private.	45	....	530
George	Broadway	Lincoln ave.	Private.	40	....	350
Gibbens	Central st.	Benton ave.	Public.	40	482	....
Giles pl.	Walnut st.	Northwesterly	Private.	32.71	....	168
Gill's ct.	Franklin st.	Westerly	Private.	10	....	100
Gilman	Cross st.	Walnut st.	Public.	45	1,430	....
Gilman ter.	Pearl st.	Northeasterly	Private.	40	....	300
Gilson pk.	Linden ave.	Northwesterly	Private.	20	....	124
Glass House ct.	Webster ave.	Easterly	Private.	40	....	300
Glen	Broadway	Tufts st.	Public.	40	2,300	....
Glendale ave.	Cameron ave.	Yorktown st.	Private.	40	....	410
Glover circle	Meacham st.	Southeasterly	Private.	20	....	110
Gordonia road	Summer st.	Charnwood road	Private.	40	....	263
Gorham	Holland st.	Howard st.	Public.	40	763	....
Gould ave.	Porter st.	Southeasterly	Private.	16	....	126
Grand View ave.	Walnut st.	Vinal ave.	Public.	40	470	....
Granite	Somerville ave.	Osgood st.	Private.	40	....	400
Grant	Broadway	Jaques st.	Public.	40	536	....
Grant	Jaques st.	Mystic ave.	Private.	40	....	814
Greene	Summer st.	Laurel st.	Public.	40	555	....
Greenville	Medford st.	High st.	Public.	40	660	....
Greenwood ter.	Beacon st.	Northeasterly	Private.	25	....	165
Grove	Elm st.	Morrison st.	Public.	40	985	....
Hadley ct.	Franklin st.	Westerly	Private.	20	....	150
Hall ave.	Elm st.	Liberty ave.	Public.	40	926	....
Hall	Cedar st.	Cherry st.	Private.	30	....	350
Hamlet	Highland ave.	Southwesterly	Private.	30	....	400
Hammond	Dickinson st.	Concord ave.	Private.	40	....	273
Hancock	Elm st.	Summer st.	Public.	40	781	....
Hanson ave.	Hanson st.	Easterly	Private.	30	....	252
Hanson	Washington st.	Vine st.	Private.	35	....	750
Harding	South st.	Cambridge line	Private.	30	....	115
Harris	Beacon st.	Cambridge line	Private.	35	....	150
Harrison	Ivaloo st.	Kent st.	Public.	40	644	....
Harrison	Elmwood st.	Southeasterly	Private.	40	....	210
Harvard pl.	Harvard st.	Westerly	Private.	35	....	200
Harvard	Summer st.	Beech st.	Public.	40	650	....
Hathorn	Broadway	Arlington st.	Public.	40	330	....
Hawkins	Somerville ave.	Washington st.	Public.	40	330	....
Hawthorne	Willow ave.	Cutter ave.	Private.	30	....	810
Hayden ter.	Linden ave.	Easterly	Private.	20	....	120
Heath	Temple st.	Bond st.	Public.	45	1,043	....
Heath	Bond st.	Moreland st.	Private.	45	....	750
Henderson	Richardson st.	B. & L. R. R.	Private.	20	....	535
Hennessey ct.	Medford st.	Fisk ave.	Private.	20	....	250
Henry ave.	Highland ave.	Lexington ave.	Private.	40	....	290
Herbert	Chester st.	Day st.	Public.	40	360	....
Hersey	Berkeley st.	Oxford st.	Private.	40	....	230
Highland ave.	Medford st.	Davis sq.	Public.	60	9,100	....
Hillside ave.	Pearl st.	Southwesterly	Private.	30	....	150
Hillside pk.	Walnut st.	Northwesterly	Private.	40	....	245

* Proposed.

TABLE SHOWING THE LOCATION, LENGTH, AND WIDTH OF PUBLIC AND PRIVATE STREETS.—*Continued.*

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Hinckley	Broadway	Lawrence st.	Private.	30	....	430
Hodgdon pl.	Dane ct.	Northeasterly	Private.	about 20	....	150
Holland	Davis sq.	Broadway	Public.	60	2,650	....
Holt ct.	Wyatt st.	Westerly	Private.	10	....	70
Holt's ave.	Oak st	Southeasterly	Private.	10	....	100
Homer sq.	Bonner ave.	Northwesterly	Private.	30+	....	200
Horace	South st.	Fitchburg R. R.	Private.	30	....	510
Houghton	Oak st	Springfield st.	Public.	40	204	....
Houghton	Springfield st.	Prospect st.	Private.	40	....	546
Howard	Thorndike st.	Gorham st.	Private.	40	....	430
Howard	Whipple st.	Willow ave.	Private.	30	....	255
Howe	Marshall st.	School st.	Public.	40	445	....
Hudson	Central st.	Cedar st.	Public.	40	2,760	....
Hunting	South st.	Cambridge line	Private.	30	....	125
Ibbetson	Somerville ave.	Lowell st.	Public.	40	802	....
Irving	Holland st.	Broadway	Public.	40	1,180	....
Ivaloo	Beacon st.	Park st.	Public.	40	650	....
Jackson	Medford st.	Maple st.	Private.	30	....	150
James	Pearl st.	Veazie st.	Public	40	320	....
Jaques	Chauncey ave	Temple st.	Public.	40	1,200	....
Jaques	Temple st.	Bond st.	Public.	45	1,050	....
*Jasper	Pearl st.	Gilman st.	Private	40	....	300
Jay	Holland st.	Howard st.	Public.	40	534	....
Jenny Lind ave.	Vernon st.	Broadway	Public.	40	1,507	....
Jerome ct.	Sycamore st.	Jerome st.	Private.	10	...	150
Jerome	Montrose st.	Jerome ct.	Private.	20	....	125
Joseph	Newton st.	Northwesterly	Public.	40	385	....
Josephine ave.	Morrison ave.	Broadway	Private.	45	....	1,715
Joy	Washington st.	Poplar st.	Private.	30	....	1,150
Joy St. pl.	Joy st.	Southwesterly	Private.	30	....	175
Kensington ave.	Broadway	Blakeley ave.	Private.	40	....	440
Kent ct.	Kent st.	Northerly	Private.	about 25	....	420
Kent	Somerville ave.	Fitchburg R. R.	Public.	40	292	....
Kent	Fitchburg R. R.	Beacon st.	Public.	25	386	....
Kenwood	Elm st.	Billingham st.	Public.	40	322	....
Kidder ave.	Elm st.	Liberty ave.	Public.	40	625	....
Kidder ave.	Liberty ave.	Willow ave.	Private.	40	....	655
Kilby	Somerville ave.	Southwesterly	Private.	20	....	180
Kimball	Lowell st.	Craigie st.	Private.	40	....	303
Kingman ct.	Washington st.	Fitchburg R. R.	Private.	25	400	....
Kingston	Meacham st.	Campbell pk.	Public.	40	628	....
Knapp	School st.	Granite st.	Public.	40	379	....
Knowlton	Oliver st.	Tufts st.	Private.	40	....	925
Lake	Hawkins st.	Church st.	Public.	40	860	....
Lamson ct.	Linwood st.	Poplar st.	Private.	20	....	370
Landers	School st.	Westerly	Private.	40	....	280
Laurel ave.	Laurel st.	Northwesterly	Private.	18	....	125
Laurel	Somerville ave.	Summer st.	Public.	40	940	....
Lawrence	Hinckley st.	B. & L. R. R.	Private.	35	...	650
Lawrence	Boston ave.	Southwesterly	Private.	35	....	710
Lawson ter.	Putnam st.	Easterly	Private.	5	....	200
Lee	Medford st.	Richdale ave.	Public.	40	385	....
Leland	Washington st.	Northeasterly	Private.	40	....	250
Leon	Concord ave.	Dickinson st.	Public.	40	155	....
Leonard pl.	Joy st.	Northeasterly	Private.	13+	....	98
Lesley ave.	Highland ave.	Lexington ave.	Private.	40	...	333

* Proposed.

TABLE SHOWING THE LOCATION, LENGTH AND WIDTH OF PUBLIC AND PRIVATE STREETS.—*Continued.*

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Leslie pl.	Highland ave.	Northerly	Private.	12	....	75
Lester ter.	Meacham st.	Northwesterly	Private.	20	....	190
Lexington ave.	Willow ave.	Cedar st.	Private.	50	....	1,300
Liberty ave.	Appleton st.	Broadway	Private.	40	....	1,495
Lincoln ave.	Lincoln st.	Mt. Vernon st.	Private.	40	....	450
Lincoln pl.	Lincoln ave.	Northerly	Private.	8	....	120
Lincoln	Broadway.	Perkins st.	Public.	40	580	....
Linden ave.	Elm st.	Summer st.	Public.	45	1,050	....
Linden ave.	Summer st.	Northeasterly	Private.	45	....	250
Linden pl.	Linden ave	Northwesterly	Private.	20	....	100
Linden	Somerville ave.	Fitchburg R. R.	Private.	30	....	705
Line	Washington st.	Cambridge line	Private.	33	....	1,750
Linehan ct.	Linwood st.	Chestnut st.	Private.	about 15	....	200
Linwood pl.	Linwood st.	Southwesterly	Private.	about 12	....	150
Linwood	Somerville ave.	Washington st.	Public.	50	2,650	....
London	Linwood st.	B. & L. R. R.	Private.	40	....	240
Loring	Somerville ave.	Northeasterly	Private.	40	....	400
Louisburg pl.	Autumn st.	Easterly	Private.	13	....	90
Lovell	Broadway	Electric ave.	Private.	40	....	365
Lowden ave.	Broadway	Foskett st.	Private.	40	....	1,205
Lowell	Somerville ave.	Highland ave.	Private.	33†	....	2,190
Lowell	Highland ave.	Albion st.	Public.	40	300	....
Lowell	Albion st.	L. & A. Br'ch R. R.	Private.	40	....	540
Lowell	B. & L. R. R.	Vernon st.	Private.	33†	....	60
Lowell	Vernon st.	Medford st.	Public.	40	1,141	....
Lowell ter.	Lowell st.	Northwesterly	Private.	20	....	150
Madison	School st.	Sycamore st.	Public.	40	891	....
Main	Broadway	Medford line	Public.	50	950	....
*Malden	Mystic ave.	Melrose st.	Private.	50	....	1,200
Mallet	Willow ave.	Liberty ave.	Private.	40	....	580
Malloy ct.	Somerville ave.	Merriam st.	Private.	30	....	255
Malvern ave.	Cameron ave.	Yorktown st.	Private.	40	....	410
Mansfie'd	Somerville ave.	Washington st.	Private.	40	....	730
Maple ave.	School st.	Southeasterly	Private.	40	....	300
Maple pl.	Marshall st.	Maple ave.	Private.	5	....	125
Maple	Poplar st.	Jackson st.	Private.	30	....	470
Marion	Concord ave.	Adrian st.	Private.	40	....	170
Marshall	Broadway	Pearl st.	Public.	40	1,650	....
Mason ave.	Orchard st.	Cambridge line	Private.	35	....	220
May pl.	Hawkins st.	Easterly	Private.	12	....	100
McCulphe pl.	Medford st.	Easterly	Private.	10	....	110
McGregor pl.	Wigglesworth st.	Walnut st.	Private.	about 10	....	250
Meacham	Arlington B.R.R.	Cambridge line	Public.	40	658	....
Meacham	Mt. Vernon ave.	Medford line	Private.	40	....	800
Mead	Cameron ave.	Moore st.	Private.	40	....	340
Medford	Cambridge line	Central	Public.	50	8,150	....
Medford	Central st.	Broadway	Public.	55	1,950	....
Melburn pl.	Summer st.	Northeasterly	Private.	30	....	125
Melledew ct.	Belmont st.	Easterly	Private.	15	....	137
Melrose	Mystic ave.	Middlesex ave.	Private.	50	....	2,310
Melvin	Broadway	Bonair st.	Private.	40	....	487
Merriam ave.	Merriam st.	Malloy ct.	Private.	15	....	255
Merriam	Somerville ave.	Charlestown st.	Private.	30	....	500
Middlesex ave.	Mystic ave.	Medford line	Public.	60	3,400	....
Milk St. pl.	Somerville ave.	Southwesterly	Private.	about 30	....	100
Miller	Sacramento st.	Northwesterly	Private.	33	....	350
Miner	Vernon st.	Ames st.	Public.	40	244	....
Mondamin ct.	Ivaloo st.	Harrison st.	Private.	25	....	250
Montgomery ave.	Broadway.	Wellington ave.	Public.	40	265	....

* Proposed.

TABLE SHOWING THE LOCATION, LENGTH, AND WIDTH OF PUBLIC AND PRIVATE STREETS.—*Continued.*

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Montrose ct.	Montrose st.	B. & L. R. R.	Private.	12	....	110
Montrose	School st.	Sycamore st.	Public.	40	886	....
Moore	Holland st.	Mead st.	Public.	40	695	....
Moreland	Main st.	Mystic ave.	Private.	40	....	1,513
Morgan	Beacon st.	Park st.	Public.	40	....	350
Morrison ave.	Willow ave.	Cedar st.	Private.	50	....	1,366
Morrison pl.	Morrison st.	Northerly	Private.	20	....	190
Morrison pl.	Morrison pl.	Easterly	Private.	15	....	175
Morrison	Willow ave.	Elm st.	Public.	40	1,700	....
Mortimer pl.	Marshall st.	Southeasterly	Private.	20	....	150
Morton	Glen st.	Knowlton st.	Private.	40	....	285
Mossland	Somerville ave.	Elm st.	Public.	40	350	....
Mountain ave.	Linden ave.	Porter st.	Private.	22	....	310
Mousal pl.	North Union st.	B. & M. R. R.	Private.	20	....	200
Mt. Pleasant ave.	Curtis st.	Northwesterly	Private.	40	....	700
Mt. Pleasant ct.	Perkins st.	Southwesterly	Private.	40	....	260
Mt. Pleasant	Broadway	Perkins st.	Public.	33	570	....
Mt. Vernon ave.	Main st.	Meacham st.	Private.	50	....	800
Mt. Vernon	Washington st.	Pearl st.	Public.	40	600	....
Mt. Vernon	Pearl st.	Perkins st.	Public.	50	450	....
Mt. Vernon	Perkins st.	Broadway	Public.	40	600	....
Monmouth	Central st.	Westerly	Public.	40	267	....
Monmouth	End of above	Harvard st.	Private.	35	....	200
Munroe	Walnut st.	Easterly	Public.	40	375	....
Munroe	End of above	Boston st.	Private.	50	....	1,100
Murdock	Cedar st.	Clyde st.	Private.	30	....	900
Murray	Washington st.	Southerly	Private.	30	....	250
Museum	Beacon st.	Cambridge line	Private.	40	....	170
Myrtle ct.	Myrtle st.	Easterly	Private.	10	....	100
Myrtle	Washington st.	Perkins st.	Public.	40	1,400	....
Mystic ave.	Charlestown line	Union st.	Public.	60	350	....
Mystic ave.	Union st.	Medford line	Public.	66	6,900	....
Mystic	Washington st.	Somerville ave.	Public.	40	360	....
Mystic	Benedict st.	Mystic ave.	Private.	40	....	330
Nashua	Richardson st.	B. & L. R. R.	Private.	35	....	640
Nevada ave.	Village st.	Hanson st.	Private.	20	....	200
Newberne	Appleton st.	Morrison st.	Public.	40	200	....
Newbury	Holland st.	Cambridge line	Public.	40	1,250	....
Newman pl.	Cedar st.	Southeasterly	Private.	10+	....	100
Newton pl.	Newton st.	Easterly	Private.	about 10	....	100
Newton	Webster ave.	Concord ave.	Public.	40+	650	....
Norfolk	Webster ave.	Cambridge line	Public.	40	200	....
North	Broadway	Medford line	Public.	40	2,550	....
North Union	Mystic ave.	Northeasterly	Private.	30	....	600
Norton	Nashua st.	Southeasterly	Private.	20	....	200
Norwood ave.	Broadway	Medford st.	Public.	40	350	....
Oak	Prospect st.	Angle	Public.	40	670	....
Oak	Angle	Cambridge line	Private.	30	....	530
Oak St. pl.	Oak st.	Northerly	Private.	4	....	85
Oakland ave.	Marshall st.	School st.	Public.	40	440	....
Olive ave.	Linden ave.	Southeasterly	Private.	25	....	155
Olive sq.	Lake st.	Southerly	Private.	about 15	....	100
Oliver	Franklin st.	Cross st.	Public.	40	1,050	....
Orchard	Cambridge line	Meacham st.	Public.	40	1,625	....
Osgood	Granite st.	Easterly & west'ly	Private.	40	....	450
Otis	Cross st.	Wigglesworth st.	Public.	40	1,200	....
Oxford	School st.	Central st.	Private.	30+	....	1,330
Oxford	Beacon st.	Cambridge line	Public.	50	100	....

TABLE SHOWING THE LOCATION, LENGTH AND WIDTH OF PUBLIC AND PRIVATE STREETS.—*Continued.*

Street.	From	To	Public or Private.	Width in Feet.	Length. Public.	Length. Private.
Parkhurst ave.	Broadway	Medford line	Private.	40	....	2,000
Palmer ave.	Franklin st.	Northwesterly	Private.	30	....	200
Park ave.	Elm st.	Wallace st.	Public.	40	450	....
Park pl.	Laurel st.	Easterly	Private.	30	....	220
Park pl.	Park pl.	Northeasterly	Private.	30	....	150
Park	Somerville ave.	Beacon st.	Public.	50	1,300	....
Parker pl.	Porter st.	Northwesterly	Private.	30	....	150
Parker	Washington st.	Fremont ave.	Private.	35	....	300
Partridge ave.	Vernon st.	Broadway	Public.	40	1,457	....
Patten ct.	Cutter st.	Southeasterly	Private.	8	....	100
Paulina	Broadway	Holland st.	Private.	40	....	775
Pearl	Crescent st.	Mt. Vernon st.	Public.	40	200	....
Pearl	Mt. Vernon st.	Franklin st.	Public.	30	950	....
Pearl	Franklin st.	Cross st.	Public.	40	1,085	....
Pearl	Cross st.	Medford st.	Public.	30	2,475	....
Pearl st. pl.	Pearl st.	Northeasterly	Private.	20	....	200
Pearl ter.	Pearl st.	Northerly	Private.	23	....	161
*Pearson ave.	Morrison ave.	Boston ave.	Private.	45	....	1,300
Pearson road	Elm st.	Professors' row	Private.	40	....	1,000
Pembroke ct.	Pembroke st.	Southwesterly	Private.	25	....	130
Pembroke	Central st.	Sycamore st.	Private.	40	....	440
Perkins pl.	Perkins st.	Northeasterly	Private.	20	....	200
Perkins	Franklin st.	Charlestown line	Public.	40	1,350	....
Pinckney pl.	Pinckney st.	Southeasterly	Private.	24	....	125
Pinckney	Washington st.	Perkins st.	Public.	40	1,170	....
Pitman	Beech st.	Spring st.	Private.	30	....	380
Pitman	Spring st.	Belmont st.	Private.	26	....	390
Pleasant ave.	Walnut st.	Vinal ave.	Public.	40	470	....
Poplar ct.	Poplar st.	Southeasterly	Private.	10	....	80
Poplar	Somerville ave.	Linwood st.	Private.	30	....	350
Poplar	Linwood st.	Joy st.	Private.	35	....	300
Porter ave.	Porter st.	Northwesterly	Private.	20	....	220
Porter pl.	Porter st.	Northwesterly	Private.	20	....	195
Porter	Elm st.	Mountain ave.	Public.	45	1,530	....
Porter	Mountain ave.	Highland ave.	Public.	40	425	....
Prescott	Summer st.	Highland ave.	Public.	50	1,050	....
Preston	School st.	Summer st.	Public.	40	800	....
Princeton	Alpine st.	Lowell st.	Public.	40	657	....
Princeton	Lowell st.	Centre st.	Private.	40	....	540
Professors' row	Boston ave.	College ave.	Private.	50	....	460
Professors' row	College ave.	Curtis st.	Private.	40	....	1,900
Prospect	Washington st.	Cambridge line	Public.	50	2,050	....
Prospect Hill av.	Medford st.	High st.	Public.	40	450	....
Prospect pl.	Prospect st.	E. Newton st.	Private.	20	....	130
Putnam	Summer st.	Highland ave.	Public.	50	1,240	....
Quincy	Somerville ave.	Summer st.	Public.	40	700	....
Randolph pl.	Cross st.	Westerly	Private.	15	....	244
Raymond ave.	Curtis st.	North st.	Public.	40	1,345	....
Record's pl.	Broadway	Southwesterly	Private.	10	....	110
Reed's ct.	Oliver st.	Southwesterly	Private.	20	....	105
Remick ct.	Cutter st.	Southeasterly	Private.	10	....	100
Richardson	Lowell st.	Lawrence st.	Private.	35	....	480
Richardson ter.	Richardson st.	Northeasterly	Private.	20	....	135
Richdale ave.	School st.	Sycamore st.	Public.	40	875	....
Richmond hl'h'ds	Madison st.	Southerly	Private.	30	....	150
Roberts	Lawrence st.	Northwesterly	Private.	20	....	170
Robinson	Central st.	Bartlett st.	Public.	40	562	....
Rogers ave.	Morrison ave.	Broadway	Private.	45	....	1,700

*Proposed.

TABLE SHOWING THE LOCATION, LENGTH, AND WIDTH OF PUBLIC AND PRIVATE STREETS. — *Continued.*

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Roseland	Beacon st.	Cambridge line	Public.	40	100	....
Rossmore	Somerville ave.	Washington st.	Public.	40	534	....
Rush	Broadway	Flint st.	Public.	40	1,400	....
Russell	Elm st.	Cambridge line	Public.	40	700	....
Sacramento	Somerville ave.	Fitchburg R. R.	Public.	40	80	....
Sacramento	Fitchburg R. R.	Beacon st.	Public.	40	290	....
Sacramento	Beacon st.	Cambridge line	Private.	40	....	156
Sanborn ave.	Warren ave.	Walnut st.	Public.	40	280	....
Sargent ave.	Broadway	Walnut st.	Public.	40	1,082	....
Sartwell ave.	Cedar st.	Cherry st.	Private.	35	....	400
Sawyer ave.	Packard ave.	Curtis st.	Private.	40	....	690
School	Somerville ave.	Highland ave.	Public.	40	1,870	....
School	Highland ave.	Broadway	Public.	50	2,500	....
Sellon pl.	Marshall st.	Northwesterly	Private.	12	....	120
Seven Pines ave.	Cameron ave.	Cambridge line	Private.	40	....	80
Sewall ct.	Sewall st.	Southwesterly	Private.	25	....	190
Sewall	Grant st.	Temple st.	Public.	40	615	....
Shawmut pl.	Shawmut st.	Alston st.	Private.	30	....	200
Shawmut	Washington st.	Cross st.	Public.	40	550	....
Shedd	Somerville ave.	Merriam ave.	Private.	40	....	310
Sherman pl.	Sargent ave.	Marshall st.	Private.	10	....	250
Sherman	Somerville ave.	Frost ave.	Private.	35	....	270
Sibley ct.	Cutter st.	Northwesterly	Private.	10	....	100
Sibley pl.	Cutter st.	Northwesterly	Private.	10	....	100
Simpson ave.	Broadway	Holland st.	Private.	40	....	825
Skehan	Dane st.	Durham st.	Private.	30	....	720
Smith ave.	Beacon st.	Line st.	Private.	25+	....	200
Snow pl.	Belmont st.	Easterly	Private.	30	....	160
Snow pl.	Snow pl.	Northerly	Private.	25	....	100
Snow ter.	Jaques st.	Southwesterly	Private.	16	....	120
Somerville ave.	E. Camb. line	Union sq	Public.	75	2,300	....
Somerville ave.	Union sq.	N. Camb. line	Public.	70	8,800	....
South	Medford st.	Westerly	Private.	30	....	940
*Southwick ave.	Morrison ave.	Boston ave.	Private.	40	....	990
Spring ct.	Somerville ave.	Westerly	Private.	20	....	200
Spring	Somerville ave.	Summer st.	Public.	40	1,200	....
Springfield	Concord ave.	Cambridge line	Public.	40	800	....
Spring Hill ter.	Highland ave.	Belmont st.	Private.	20	....	670
Stanford ter.	Beacon st.	Northeasterly	Private.	20	....	200
Stickney ave.	Marshall st.	School st.	Public.	40	458	....
St. James ave.	Elm st.	Summer st.	Public.	40	488	....
Stone ave.	Union sq.	Columbus ave.	Public.	40	676	....
Stone pl.	Stone ave.	Southeasterly	Private.	30	....	145
Summer	Bow st.	Elm st.	Public.	45	7,700	....
Summit ave.	Walnut st.	Vinal ave.	Public.	45	470	....
Summit	Elm st.	Billingham st.	Public.	40	262	....
Sumner	Lawrence st.	Northwesterly	Private.	20	....	175
Sunnyside ave.	Walnut st.	Wigglesworth st.	Private.	35	....	250
Sycamore	Broadway	Medford st.	Public.	45	1,250	....
Sycamore	Medford st.	Richdale ave.	Private.	40	....	550
Sycamore	Richdale ave.	Highland ave.	Private.	33	....	800
Sydney	Wheatland st.	Temple st.	Private.	40	....	925
Talbot ave.	Packard ave.	College ave.	Private.	50	....	1,409
Taunton	So. Wyatt st	Easterly to angle	Private.	30	....	170
Taunton	Angle	Marion st.	Private.	20	....	95
Taylor pl.	Somerville ave.	Southerly	Private.	15	....	200
Taylor	Mystic ave.	Sydney st.	Private.	40	....	310
Temple	Broadway	Mystic ave.	Public.	66	1,540	....

*Proposed.

TABLE SHOWING THE LOCATION, LENGTH, AND WIDTH OF PUBLIC AND PRIVATE STREETS.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Adams	Broadway	Medford st.	Public.	40	900	....
Adrian	Marion st.	Joseph st.	Private.	40	....	530
Albion pl.	Albion st.	Northeasterly	Private.	10	....	80
Albion	Central st.	Cedar st.	Public.	40	2,742	....
Albion	Broadway	Medford line	Private.	50	....	100
Aldersey	Walnut st.	Vinal ave.	Public.	40	508	....
Aldrich	Pearl st.	B. & L. R. R.	Public.	40	611	....
Alfred	Broadway	Medford line	Private.	50	....	50
Allen	Somerville ave.	Charlestown st.	Private.	25	....	680
Allen ct.	Park st.	Northwesterly	Private.	20	....	150
Alpine	Cedar st.	Southeasterly	Private.	30	....	670
Alpine	Alpine st.	Lowell st.	Public.	40	688	....
Alston	Cross st.	Shawmut pl.	Private.	40	....	420
Ames	Bartlett st.	Robinson st.	Public.	40	580	....
Appleton	Willow ave.	Clifton st.	Public.	40	510	....
Appleton	Clifton st.	Liberty ave.	Private.	40	....	120
Arlington	Franklin st.	Lincoln st.	Public.	40	440	....
Arnold ave.	Porter st.	Southeasterly	Private.	15	....	127
Arnold ct.	Beacon st.	Northeasterly	Private.	10	....	115
Arthur ct.	Linden st.	Easterly	Private.	about 10	....	100
Arthur	Broadway	Bonair st.	Public.	40	438	....
Ash ave.	Meacham st.	Northeasterly	Private.	40	....	705
Ashland	Summer st.	Sartwell ave.	Private.	30	....	470
Asylum ave.	Washington st.	McLean Asylum	Private.	about 30	....	2,000
Atherton	Central st.	Beech st.	Private.	40	....	264
Auburn ave.	Cross st.	B. & L. R. R.	Private.	30	....	600
Austin	Broadway	Mystic ave.	Public.	40	680	....
Autumn	Broadway	Bonair st.	Private.	20	....	420
Avon	School st.	Central st.	Public.	40	1,360	....
Avon pl.	Cross st.	B. & L. R. R.	Private.	25	....	150
Ayer ave.	Morrison ave.	Boston ave.	Private.	70	....	1,500
Banks	Elm st.	Summer st.	Public.	40	639	....
Bartlett	Vernon st.	Medford st.	Public.	40	820	....
Bartlett	Medford st.	Broadway	Private.	40	...	730
Bartlett	Washington st.	Asylum grounds	Private.	20	....	200
Bay State ave.	Broadway	Fosket st.	Private.	40	....	1,197
Beach ave.	Webster ave.	Columbia st.	Private.	about 20	....	200
Beacon pl.	Beacon st.	Northeasterly	Private.	15	....	200
Beacon	Cambridge line	Somerville ave.	Public.	66	6,100	....
Beacon ter.	Somerville ave.	Northeasterly	Private.	24	....	110
Bean's ct.	Cutter st.	Southeasterly	Private.	16	....	100
Bedford	South st.	Cambridge line	Private.	30	....	160
Beech	Somerville ave.	Spring st.	Public.	40	800	....
Bellevue ter.	Albion st.	Northeasterly	Private.	20	....	90
Belmont	Somerville ave.	Highland ave.	Public.	40	2,175	....
Belmont pl.	Belmont st.	Southeasterly	Private.	25	....	175
Benedict ave.	Broadway	Benedict st.	Private.	20	....	200
Benedict	Union st.	Austin st.	Public.	40	600	....
Bennett ct.	Bennett st.	Prospect st.	Private.	10	....	100
Bennett	Prospect st.	Bennett ct.	Private.	40 to 25	....	400
Benton road	Summer st.	Highland ave.	Private.	40	....	924
Benton ave.	Highland ave.	Hudson st.	Public.	40	286	....
Berkeley	School st.	Central st.	Public.	40	1,360	....
Berwick	Lawrence st.	Northwesterly	Private.	20	....	170
Bigelow	Boston st.	High st.	Public.	50	208	....
Billingham	Broadway	William st.	Public.	40	563	....
Bishop's pl.	Glen st.	Easterly	Private.	10	....	75
Blakeley ave.	Winthrop ave.	Cross st.	Private.	40	....	630
Bleachery ct.	Somerville ave.	Fitchburg R. R.	Private.	30	....	450

TABLE SHOWING THE LOCATION, LENGTH, AND WIDTH OF PUBLIC AND PRIVATE STREETS. — *Continued.*

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Bolton	Oak st.	Houghton st.	Private.	40	....	500
Bonair	Cross st.	Walnut st.	Public.	40	1,470	....
Bond	Broadway	Jaques st.	Public.	40	640	....
Bonner ave.	Washington st.	Columbus ave.	Public.	40	450	....
Boston ave.	Medford line	Mystic river	Public.	60	910	....
Boston ave.	Broadway	Medford line	Public.	50	80	....
Boston ave.	Cedar st.	Broadway	Private.	50	....	1,120
Boston	Washington st.	Prospect Hill ave.	Public.	45	630	....
Boston	Prospect Hill av.	Walnut st.	Public.	40	1,250	....
Bow	Union sq.	Wesley sq.	Public.	60	600	....
Bow	Wesley pk.	Somerville ave.	Public.	50	500	....
Bowdoin	Washington st.	Southerly	Private.	40	....	370
Bow St. pl.	Bow st.	Northwesterly	Private.	40	....	300
Bradford ave.	School st.	Southeasterly	Private.	40	....	150
Bradley	Pearl st.	Walter st.	Public.	40	762	....
Brastow ave.	Lowell st.	Porter st.	Public.	40	686	....
Broadway	Charlestown line	Cross st.	Public.	100	2,590	....
Broadway	Cross st.	Marshall st.	Public.	100 to 200	2,060	....
Broadway	Marshall st.	Main st.	Public.	100	1,570	....
Broadway	Main st.	Top of hill	Public.	100 to 90	1,030	....
Broadway	Top of hill	Albion st.	Public.	90	2,540	....
Broadway	Albion st.	Willow ave.	Public.	90 to 70	1,030	....
Broadway	Willow ave.	Paulina st.	Public.	70	3,250	....
Broadway	Paulina st.	Arlington line	Public.	65	3,220	....
Broadway pl.	Broadway	Southwesterly	Private.	22	....	250
Bromfield road	Elm st.	Professors' row	Private.	40	....	1,200
Brook	Glen st.	Cross st.	Public.	40	500	....
Brook	Dover st.	Northerly	Private.	40	....	200
Browning road	Sycamore st.	Central st.	Public.	40	679	....
Buckingham	Beacon st.	Dimick st.	Public.	40	300	....
Burnside ave.	Elm st.	Summer st.	Public.	40	720	....
Caldwell pl.	Washington st.	Southerly	Private.	20	....	210
Calvin	Beacon st.	Dimick st.	Private.	40	....	250
Calvin	Dimick st.	Washington st.	Private.	30	....	395
Cambria	Central st.	Benton ave.	Public.	40	488	....
Cameron ave.	Holland st.	Cambridge line	Public.	60	1,000	....
Campbell pk.	Meacham st.	Kingston st.	Public.	40	399	....
Campbell Pk. pl.	Kingston st.	Arlington Br. R.R.	Private.	20	....	84
Carlton	Somerville ave.	Lake st.	Public.	40	300	....
Carver	Porter st.	Northwesterly	Private.	40	....	156
Cedar	Elm st.	Broadway	Public.	40	4,150	....
Cedar ave.	Cedar st.	Linden ave.	Private.	22	....	290
Cedar St. pl.	Murdock st.	Southwesterly	Private.	20	....	220
Central	Somerville ave.	Summer st.	Public.	33	1,150	....
Central	Summer st.	Medford st.	Public.	40	2,480	....
Central	Medford st.	Broadway	Public.	45	1,070	....
Centre	Albion st.	B. & L. R. R.	Private.	35	....	200
Chandler	Park ave.	Broadway	Public.	40	1,232	....
Chapel	Elm st.	Chandler st.	Public.	40	273	....
Chapel ct.	Sycamore st.	Northwesterly	Private.	12	....	130
Charles	Washington st.	Ayslum grounds	Private.	30	....	200
Charlestown	Allen st.	Easterly	Private.	15	....	400
Charnwood road	Willow ave.	Gordonia road	Private.	40	....	588
Chauncey ave.	Broadway	Mystic ave.	Public.	50	1,320	....
*Chelsea	Mystic ave.	Melrose st.	Private.	50	....	1,390
Cherry	Elm st.	Highland ave.	Public.	45	1,450	....
Chester	Elm st.	Cambridge line	Public.	40	850	....
Chester ave.	Medford st.	Angle	Public.	about 22	220	....
Chester ave.	Angle	Cross st.	Private.	20	....	445

* Proposed.

TABLE SHOWING THE LOCATION, LENGTH, AND WIDTH OF PUBLIC AND PRIVATE STREETS. — *Continued.*

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Chester pl.	Chester st.	Northwesterly	Private.	40	....	200
Chestnut	Poplar st.	Southeasterly	Private.	40	....	540
Church	Summer st.	Somerville ave.	Public.	40	560	....
Church (south)	Somerville ave.	Lake st.	Public.	40	340	....
Church St. pl.	Church st. (south)	Northwesterly	Private.	25	....	170
Claremon	Holland st.	Mead st.	Public.	40	560	....
Clarendon ave	Broadway	Cambridge line	Private.	40	....	1,210
Clark	Newton st.	Northwesterly	Private.	35	....	45[illegible]
Cleveland	Central st.	Elm place	Private.	40	—	270
Clifton	Appleton st.	Morrison st.	Public.	40	240	....
Clifton	Morrison st.	Arlington Br. R.R.	Private.	40	....	220
Clyde	Cedar st.	Murdock st.	Private.	30	....	600
College ave.	Broadway	Medford line	Public.	50	1,700	....
Columbia	Glass House ct.	Cambridge line	Private.	40	....	550
Columbia ct.	Columbia st.	Webster ave.	Private.	9	....	150
Columbus ave	Land of Clark	Walnut st.	Public.	40	1,000	....
Columbus ct.	Washington st.	Northerly	Private.	30	....	100
Concord ave	Prospect st.	Leon st.	Public.	40	1,500	....
Concord ave.	Leon st.	Beacon st.	Private.	30	....	470
Congress pl.	Linwood st.	Southwesterly	Private.	16	....	200
Conlon ct.	Columbia st.	Easterly	Private.	20	....	200
Conwell ave.	Curtis st.	Westerly	Private.	40	....	600
Conwell	Highland ave.	Southwesterly	Private.	35	....	360
Cook	Marion st.	W. of So. Wyatt st.	Private.	40	....	450
Cooney	Beacon st.	Line st.	Private.	26	....	220
Cottage ave	Russell st.	Chester st.	Public.	40	500	....
Cottage circle	Cottage ave	Southwesterly	Private.	25	....	87
Cottage pl.	Washington st.	Northwesterly	Private.	about 11	....	150
Craigie	Somerville ave.	Summer st.	Public.	50	1,250	....
Crescent	Washington st.	Pearl st.	Private.	30 to 38	....	650
Crocker	Highland ave.	Crown st.	Public.	40	524	....
Cross	Medford st.	Broadway	Public.	45	2,650	....
Cross	Broadway	Mystic ave.	Public.	40	1,100	....
Cross St. pl.	Cross st.	Northwesterly	Private.	24	....	150
Crown	Porter st.	Lowell st.	Private.	30	....	700
Curtis	Broadway	Medford line	Public.	40	2,300	....
Cutler	Lawrence st.	Northwesterly	Private.	20	....	170
Cutter	Broadway	Webster st.	Public.	40	740	....
Cutter ave.	Summer st.	Highland ave.	Public.	40	430	....
Cutter pl.	Cutter ave.	Northwesterly	Private.	30	....	155
Cypress	Central st.	Beech st.	Public.	40	262	....
Dana	Bonair st.	Pearl st.	Public.	40	690	....
Dane	Somerville ave.	Washington st.	Public.	40	1,270	....
Dane ave.	Dane st.	Easterly	Private.	30	....	600
Dartmouth	Medford st.	Broadway	Public.	40	1,450	....
Day	Elm st.	Cambridge line	Public.	40	94[illegible]	....
*Dean ave.	Morrison ave.	Boston ave.	Private.	40	....	1,145
Delaware	Aldrich st.	Pearl st.	Public.	40	451	....
Dell	Glen st.	Tufts st.	Public.	40	466	....
Derby	Temple st.	Grant st.	Public.	40	831	....
Derby	Grant st.	Wheatland st.	Private.	40	....	200
Dexter	Broadway	Medford line	Private.	50	....	25
Dickinson	Springfield st.	Beacon st.	Public.	40	770	....
Dimick	Concord ave.	Calvin st.	Private.	40	....	860
Distillhouse	South st.	Cambridge line	Private.	35	....	150
Dix pl.	Linwood st.	Southwesterly	Private.	10	....	100
Dover	Elm st.	Cambridge line	Public.	40	940	....
Dow	North st.	Easterly	Private.	40	....	645
Downer pl.	Downer st.	B. & L. R. R.	Private.	20	....	125

*Proposed.

TABLE SHOWING THE LOCATION, LENGTH, AND WIDTH OF PUBLIC AND PRIVATE STREETS. — *Continued.*

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Downer	Nashua st.	Southeasterly	Private.	20	....	120
Dresden circle	Cutter ave.	Westerly	Private.	30	....	133
Durham	Beacon st.	Hanson st.	Private.	40	....	450
Earle	South st.	Fitchburg R. R.	Private.	30	....	500
East Albion	E. of Moreland st.	Medford line	Private.	40	....	490
Eastman pl.	Highland ave.	Southwesterly	Private.	40	....	300
East Newton	Prospect st.	Webster ave.	Public.	25	470	....
*Edgeworth	Mystic ave.	Melrose st.	Private.	50	....	1,380
Edmands	Broadway	Southwesterly	Private.	40	....	525
Edmonton ave.	Cross st.	Winthrop ave.	Private.	40	....	630
Electric ave.	Curtis st.	Packard ave.	Public.	40	681	....
Eliot	Vine st.	Park st.	Public.	40	260	....
Ellington road	Highland ave.	Northeasterly	Private.	35	....	120
Ellington road	West st.	Northwesterly	Private.	30	....	405
Ellsworth	Cross st.	Rush st.	Public.	40	210	....
Elm ct.	Villa ave.	Northwesterly	Private.	18	....	70
Elm pl.	Harvard st.	Easterly & west'ly	Private.	30	....	400
Elm	Somerville ave.	Cherry st.	Public.	63	1,500	....
Elm	Cherry st.	White st.	Public.	63 to 60	330	....
Elm	White st.	Banks st.	Public.	60	660	....
Elm	Banks st.	Beech st.	Public.	60 to 77.5	290	....
Elm	Beech st.	Tenney st.	Public.	77.5 to 60	570	....
Elm	Tenney st.	Medford line	Public.	60	4,300	....
Elmwood	Holland st.	Cambridge line	Private.	40	....	970
Elmwood ter.	Elmwood st.	Easterly	Private.	20	....	190
Elston	Elm st.	Summer st.	Public.	40	396	....
Emerson	Everett st.	Newton st.	Private.	30	....	170
Emery	Fitchburg R. R.	South st.	Private.	30	....	530
Endicott ave.	Broadway	Southwesterly	Private.	40	....	800
Essex	Medford st.	Richdale ave.	Public.	40	232	....
Eustis ct.	Beacon st.	Southwest	Private.	30	....	150
Everett	Webster ave.	Newton st.	Private.	30	....	350
Everett ave.	Cross st.	Dana st.	Public.	40	800	....
Evergreen ave.	Marshall st.	Sycamore st.	Public.	40	1,320	....
Evergreen sq.	Porter st.	Southeasterly	Private.	8	....	200
Fairlee	Cherry st.	Northwesterly	Private.	30	....	150
Fairmount ave.	Curtis st.	Northwesterly	Private.	40	....	700
Fanning ave.	Highland ave.	Lexington ave.	Public.	50	376	....
Farragut ave.	Broadway	Southwesterly	Private.	40	....	840
Fenwick	Broadway	Heath st.	Public.	40	340	....
Fisk ave.	Hinckley st.	Lowell st.	Private.	20 & 25	....	460
Fitchburg ct.	Fitchburg st.	Southeasterly	Private.	10	....	225
Fitchburg	Linwood st.	B. & L. R. R.	Private.	40	....	400
Fitchburg	Linden st.	Easterly	Private.	20	....	300
Flint ave.	Flint st.	Northerly	Private.	40	....	200
Flint	Franklin st.	Aldrich st.	Public.	40	1,773	....
Florence	Washington st.	Perkins st.	Public.	40	1,280	....
Florence ter.	Jaques st.	Southwesterly	Private.	20	....	90
Forrest	Beacon st.	Cambridge line	Public.	40	150	....
Forster	Sycamore st.	Central st.	Private.	30	....	430
Fosket	Willow ave.	Liberty ave.	Private.	40	....	670
Fountain ave.	Cross st.	Glen st.	Private.	30	....	550
Francesca ave.	Elm st.	Liberty ave.	Public.	40	76½	....
Francis	Porter st.	Conwell st.	Private.	30	....	180
Franklin ave.	Washington st.	Franklin st.	Private.	20	....	500
Franklin ct.	Somerville ave.	B. & L. R. R.	Private.	....	....	200
Franklin pl.	Franklin st.	Southeasterly	Private.	15	....	100
Franklin	Broadway	Northerly	Private.	40	....	120

*Proposed.

TABLE SHOWING THE LOCATION, LENGTH, AND WIDTH OF PUBLIC AND PRIVATE STREETS. — *Continued.*

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Franklin	Broadway	Washington st.	Public.	40+	2,230	....
*Frederick ave.	Willow ave.	Cedar st.	Private.	45	....	1,360
Fremont	Main st.	Near Mystic ave.	Private.	40	....	1,397
Fremont ave.	Parker st.	Easterly & west'ly	Private.	30	....	235
Frost ave.	Somerville ave.	Dane st.	Private.	35	....	550
Garden ct.	Somerville ave.	Fitchburg R. R.	Private.	25	....	370
Garfield ave.	Broadway	Mystic ave.	Private.	40	....	1,150
Garrison ave.	Broadway	Southwesterly	Private.	40	....	850
George	Broadway	Lincoln ave.	Private.	40	....	350
Gibbens	Central st.	Benton ave.	Public.	40	492	....
Giles pl.	Walnut st.	Northwesterly	Private.	32.71	....	168
Gill's ct.	Franklin st.	Westerly	Private.	10	....	100
Gilman	Cross st.	Walnut st.	Public.	40	1,430	....
Gilman ter.	Pearl st.	Northeasterly	Private.	40	....	360
Gilson pk.	Linden ave.	Northwesterly	Private.	20	....	124
Glass House ct.	Webster ave.	Easterly	Private.	40	....	200
Glen	Broadway	Tufts st.	Public.	40	2,300	....
Glendale ave.	Cameron ave.	Yorktown st.	Private.	40	....	410
Glover circle	Meacham st.	Southeasterly	Private.	20	....	110
Gordonia road	Summer st.	Charnwood road	Private.	40	....	263
Gorham	Holland st.	Howard st.	Public.	40	763	....
Gould ave.	Porter st.	Southeasterly	Private.	16	....	156
Grand View ave.	Walnut st.	Vinal ave.	Public.	40	470	....
Granite	Somerville ave.	Osgood st.	Private.	40	....	400
Grant	Broadway	Jaques st.	Public.	40	536	....
Grant	Jaques st.	Mystic ave.	Private.	40	....	814
Greene	Summer st.	Laurel st.	Public.	40	555	....
Greenville	Medford st.	High st.	Public.	40	660	....
Greenwood ter.	Beacon st.	Northeasterly	Private.	25	....	165
Grove	Elm st.	Morrison st.	Public.	40	985	....
Hadley ct.	Franklin st.	Westerly	Private.	20	....	150
Hall ave.	Elm st.	Liberty ave.	Public.	40	926	....
Hall	Cedar st.	Cherry st.	Private.	30	....	350
Hamlet	Highland ave.	Southwesterly	Private.	30	....	400
Hammond	Dickinson st.	Concord ave.	Private.	40	....	273
Hancock	Elm st.	Summer st.	Public.	40	781	....
Hanson ave.	Hanson st.	Easterly	Private.	30	....	252
Hanson	Washington st.	Vine st.	Private.	35	....	750
Harding	South st.	Cambridge line	Private.	30	....	115
Harris	Beacon st.	Cambridge line	Private.	35	....	150
Harrison	Ivaloo st.	Kent st.	Public.	40	644	...
Harrison	Elmwood st.	Southeasterly	Private.	40	....	210
Harvard pl.	Harvard st.	Westerly	Private.	35	....	200
Harvard	Summer st.	Beech st.	Public.	40	650	....
Hathorn	Broadway	Arlington st.	Public.	40	330	....
Hawkins	Somerville ave.	Washington st.	Public.	40	330	....
Hawthorne	Willow ave.	Cutter ave.	Private.	30	....	810
Hayden ter.	Linden ave.	Easterly	Private.	20	....	120
Heath	Temple st.	Bond st.	Public.	45	1,043	....
Heath	Bond st.	Moreland st.	Private.	45	....	750
Henderson	Richardson st.	B. & L. R. R.	Private.	20	....	535
Hennessey ct.	Medford st.	Fisk ave.	Private.	20	....	250
Henry ave.	Highland ave.	Lexington ave.	Private.	40	....	290
Herbert	Chester st.	Day st.	Public.	40	360	....
Hersey	Berkeley st.	Oxford st.	Private.	40	....	230
Highland ave.	Medford st.	Davis sq.	Public.	60	9,100	....
Hillside ave.	Pearl st.	Southwesterly	Private.	30	....	150
Hillside pk.	Walnut st.	Northwesterly	Private.	40	....	245

* Proposed.

TABLE SHOWING THE LOCATION, LENGTH, AND WIDTH OF PUBLIC AND PRIVATE STREETS.—*Continued.*

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Hinckley	Broadway	Lawrence st.	Private.	30	....	430
Hodgdon pl.	Dane ct.	Northeasterly	Private.	about 20	....	150
Holland	Davis sq.	Broadway	Public.	60	2,650	....
Holt ct.	Wyatt st.	Westerly	Private.	10	....	70
Holt's ave.	Oak st	Southeasterly	Private.	10	....	100
Homer sq.	Bonner ave.	Northwesterly	Private.	30+	....	200
Horace	South st.	Fitchburg R. R.	Private.	30	....	510
Houghton	Oak st	Springfield st.	Public.	40	204	....
Houghton	Springfield st.	Prospect st.	Private.	40	....	546
Howard	Thorndike st.	Gorham st.	Private.	40	....	430
Howard	Whipple st.	Willow ave.	Private.	30	....	255
Howe	Marshall st.	School st.	Public.	40	445	....
Hudson	Central st.	Cedar st.	Public.	40	2,760	....
Hunting	South st.	Cambridge line	Private.	30	....	125
Ibbetson	Somerville ave.	Lowell st.	Public.	40	802	....
Irving	Holland st.	Broadway	Public.	40	1,180	....
Ivaloo	Beacon st.	Park st.	Public.	40	650	....
Jackson	Medford st.	Maple st.	Private.	30	....	150
James	Pearl st.	Veazie st.	Public	40	320	....
Jaques	Chauncey ave	Temple st.	Public.	40	1,200	....
Jaques	Temple st.	Bond st.	Public.	45	1,050	....
*Jasper	Pearl st.	Gilman st.	Private	40	....	300
Jay	Holland st.	Howard st.	Public.	40	534	....
Jenny Lind ave.	Vernon st.	Broadway	Public.	40	1,507	....
Jerome ct.	Sycamore st.	Jerome st.	Private.	10	...	150
Jerome	Montrose st.	Jerome ct.	Private.	20	....	125
Joseph	Newton st.	Northwesterly	Public.	40	385	....
Josephine ave.	Morrison ave.	Broadway	Private.	45	....	1,715
Joy	Washington st.	Poplar st.	Private.	30	....	1,150
Joy St. pl.	Joy st.	Southwesterly	Private.	30	....	175
Kensington ave.	Broadway	Blakeley ave.	Private.	40	....	440
Kent ct.	Kent st.	Northerly	Private.	about 25	....	420
Kent	Somerville ave.	Fitchburg R. R.	Public.	40	292	....
Kent	Fitchburg R. R.	Beacon st.	Public.	25	386	....
Kenwood	Elm st.	Billingham st.	Public.	40	322	....
Kidder ave.	Elm st.	Liberty ave.	Public.	40	625	....
Kidder ave.	Liberty ave.	Willow ave.	Private.	40	....	655
Kilby	Somerville ave.	Southwesterly	Private.	20	....	180
Kimball	Lowell st.	Craigie st.	Private.	40	....	303
Kingman ct.	Washington st.	Fitchburg R. R.	Private.	25	400	....
Kingston	Meacham st.	Campbell pk.	Public.	40	628	....
Knapp	School st.	Granite st.	Public.	40	379	....
Knowlton	Oliver st.	Tufts st.	Private.	40	....	925
Lake	Hawkins st.	Church st.	Public.	40	860	....
Lamson ct.	Linwood st.	Poplar st.	Private.	20	....	370
Landers	School st.	Westerly	Private.	40	....	280
Laurel ave.	Laurel st.	Northwesterly	Private.	18	....	125
Laurel	Somerville ave.	Summer st.	Public.	40	940	....
Lawrence	Hinckley st.	B. & L. R. R.	Private.	35	....	650
Lawrence	Boston ave.	Southwesterly	Private.	35	....	710
Lawson ter.	Putnam st.	Easterly	Private.	5	....	200
Lee	Medford st.	Richdale ave.	Public.	40	385	....
Leland	Washington st.	Northeasterly	Private.	40	....	250
Leon	Concord ave.	Dickinson st.	Public.	40	155	....
Leonard pl.	Joy st.	Northeasterly	Private.	13+	....	98
Lesley ave.	Highland ave.	Lexington ave.	Private.	40	...	333

* Proposed.

TABLE SHOWING THE LOCATION, LENGTH, AND WIDTH OF PUBLIC AND PRIVATE STREETS. — *Continued.*

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Leslie pl.	Highland ave.	Northerly	Private.	12	....	75
Lester ter.	Meacham st.	Northwesterly	Private.	20	....	190
Lexington ave.	Willow ave.	Cedar st.	Private.	50	....	1,360
Liberty ave.	Appleton st.	Broadway	Private.	40	....	1,495
Lincoln ave.	Lincoln st.	Mt. Vernon st.	Private.	40	....	450
Lincoln pl.	Lincoln ave.	Northerly	Private.	9	....	120
Lincoln	Broadway.	Perkins st.	Public.	40	550	....
Linden ave.	Elm st.	Summer st.	Public.	45	1,050	....
Linden ave.	Summer st.	Northeasterly	Private.	45	....	250
Linden pl.	Linden ave	Northwesterly	Private.	20	....	160
Linden	Somerville ave.	Fitchburg R. R.	Private.	30	....	705
Line	Washington st.	Cambridge line	Private.	33	....	1 750
Linehan ct.	Linwood st.	Chestnut st.	Private.	about 15	....	200
Linwood pl.	Linwood st.	Southwesterly	Private.	about 12	....	150
Linwood	Somerville ave.	Washington st.	Public.	50	2,050	....
London	Linwood st.	B. & L. R. R.	Private.	40	....	340
Loring	Somerville ave.	Northeasterly	Private.	40	....	400
Louisburg pl.	Autumn st.	Easterly	Private.	13	....	90
Lovell	Broadway	Electric ave.	Private.	40	....	385
Lowden ave.	Broadway	Fosket st.	Private.	40	....	1,205
Lowell	Somerville ave.	Highland ave.	Private.	33+	....	2,190
Lowell	Highland ave.	Albion st.	Public.	40	390	....
Lowell	Albion st.	L. & A. Br'ch R. R.	Private.	40	....	540
Lowell	B. & L. R. R.	Vernon st.	Private.	33+	....	60
Lowell	Vernon st.	Medford st.	Public.	40	1,141	....
Lowell ter.	Lowell st.	Northwesterly	Private.	20	....	150
Madison	School st.	Sycamore st.	Public.	40	891	....
Main	Broadway	Medford line	Public.	50	950	....
*Malden	Mystic ave.	Melrose st.	Private.	50	....	1,360
Mallet	Willow ave.	Liberty ave.	Private.	40	....	580
Malloy ct.	Somerville ave.	Merriam st.	Private.	30	....	255
Malvern ave.	Cameron ave.	Yorktown st.	Private.	40	....	410
Mansfie'd	Somerville ave.	Washington st.	Private.	40	....	730
Maple ave.	School st.	Southeasterly	Private.	40	....	300
Maple pl.	Marshall st.	Maple ave.	Private.	5	....	125
Maple	Poplar st.	Jackson st.	Private.	30	....	470
Marion	Concord ave.	Adrian st.	Private.	40	....	170
Marshall	Broadway	Pearl st.	Public.	40	1,650	....
Mason ave.	Orchard st.	Cambridge line	Private.	35	....	220
May pl.	Hawkins st.	Easterly	Private.	12	....	100
McCulphe pl.	Medford st.	Easterly	Private.	10	....	110
McGregor pl.	Wigglesworth st.	Walnut st.	Private.	about 10	....	250
Meacham	Arlington B.R.R.	Cambridge line	Public.	40	658	....
Meacham	Mt. Vernon ave.	Medford line	Private.	40	....	800
Mead	Cameron ave.	Moore st.	Private.	40	....	340
Medford	Cambridge line	Central	Public.	50	8,150	....
Medford	Central st.	Broadway	Public.	55	1,950	....
Melburn pl.	Summer st.	Northeasterly	Private.	30	....	125
Melledew ct.	Belmont st.	Easterly	Private.	15	....	137
Melrose	Mystic ave.	Middlesex ave.	Private.	50	....	2,310
Melvin	Broadway	Bonair st.	Private.	40	....	487
Merriam ave.	Merriam st.	Malloy ct.	Private.	15	....	255
Merriam	Somerville ave.	Charlestown st.	Private.	30	....	500
Middlesex ave.	Mystic ave.	Medford line	Public.	60	3,400	....
Milk St. pl.	Somerville ave.	Southwesterly	Private.	about 30	....	100
Miller	Sacramento st.	Northwesterly	Private.	33	....	350
Miner	Vernon st.	Ames st.	Public.	40	244	....
Mondamin ct.	Ivaloo st.	Harrison st.	Private.	25	....	250
Montgomery ave.	Broadway.	Wellington ave.	Public.	40	265	....

* Proposed.

TABLE SHOWING THE LOCATION, LENGTH, AND WIDTH OF PUBLIC AND PRIVATE STREETS.—*Continued.*

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Montrose ct.	Montrose st.	B. & L. R. R.	Private.	12	....	110
Montrose	School st.	Sycamore st.	Public.	40	886	....
Moore	Holland st.	Mead st.	Public.	40	695	....
Moreland	Main st.	Mystic ave.	Private.	40	....	1,513
Morgan	Beacon st.	Park st.	Public.	40	....	350
Morrison ave.	Willow ave.	Cedar st.	Private.	50	....	1,366
Morrison pl.	Morrison st.	Northerly	Private.	20	....	190
Morrison pl.	Morrison pl.	Easterly	Private.	15	....	175
Morrison	Willow ave.	Elm st.	Public.	40	1,700	....
Mortimer pl.	Marshall st.	Southeasterly	Private.	20	....	150
Morton	Glen st.	Knowlton st.	Private.	40	....	285
Mossland	Somerville ave.	Elm st.	Public.	40	350	....
Mountain ave.	Linden ave.	Porter st.	Private.	22	....	310
Mousal pl.	North Union st.	B. & M. R. R.	Private.	20	....	200
Mt. Pleasant ave.	Curtis st.	Northwesterly	Private.	40	....	700
Mt. Pleasant ct.	Perkins st.	Southwesterly	Private.	40	....	260
Mt. Pleasant	Broadway	Perkins st.	Public.	33	570	....
Mt. Vernon ave.	Main st.	Meacham st.	Private.	50	....	800
Mt. Vernon	Washington st.	Pearl st.	Public.	40	600	....
Mt. Vernon	Pearl st.	Perkins st.	Public.	50	450	....
Mt. Vernon	Perkins st.	Broadway	Public.	40	600	....
Monmouth	Central st.	Westerly	Public.	40	267	....
Monmouth	End of above	Harvard st.	Private.	35	....	200
Munroe	Walnut st.	Easterly	Public.	40	375	....
Munroe	End of above	Boston st.	Private.	50	....	1,100
Murdock	Cedar st.	Clyde st.	Private.	30	....	900
Murray	Washington st.	Southerly	Private.	30	....	250
Museum	Beacon st.	Cambridge line	Private.	40	....	170
Myrtle ct.	Myrtle st.	Easterly	Private.	10	....	100
Myrtle	Washington st.	Perkins st.	Public.	40	1,400	....
Mystic ave.	Charlestown line	Union st.	Public.	60	350	....
Mystic ave.	Union st.	Medford line	Public.	66	6,900	....
Mystic	Washington st.	Somerville ave.	Public.	40	360	....
Mystic	Benedict st.	Mystic ave.	Private.	40	....	330
Nashua	Richardson st.	B. & L. R. R.	Private.	35	....	640
Nevada ave.	Village st.	Hanson st.	Private.	20	....	200
Newberne	Appleton st.	Morrison st.	Public.	40	200	....
Newbury	Holland st.	Cambridge line	Public.	40	1,250	....
Newman pl.	Cedar st.	Southeasterly	Private.	10+	....	100
Newton pl.	Newton st.	Easterly	Private.	about 10	....	100
Newton	Webster ave.	Concord ave.	Public.	40+	650	....
Norfolk	Webster ave.	Cambridge line	Public.	40	200	....
North	Broadway	Medford line	Public.	40	2,550	....
North Union	Mystic ave.	Northeasterly	Private.	30	....	600
Norton	Nashua st.	Southeasterly	Private.	20	....	200
Norwood ave.	Broadway	Medford st.	Public.	40	350	....
Oak	Prospect st.	Angle	Public.	40	670	....
Oak	Angle	Cambridge line	Private.	30	....	530
Oak St. pl.	Oak st.	Northerly	Private.	4	....	85
Oakland ave.	Marshall st.	School st.	Public.	40	440	....
Olive ave.	Linden ave.	Southeasterly	Private.	25	....	155
Olive sq.	Lake st.	Southerly	Private.	about 15	....	100
Oliver	Franklin st.	Cross st.	Public.	40	1,050	....
Orchard	Cambridge line	Meacham st.	Public.	40	1,625	....
Osgood	Granite st.	Easterly & west'ly	Private.	40	....	450
Otis	Cross st.	Wigglesworth st.	Public.	40	1,200	....
Oxford	School st.	Central st.	Private.	30+	....	1,330
Oxford	Beacon st.	Cambridge line	Public.	50	100	....

TABLE SHOWING THE LOCATION, LENGTH, AND WIDTH OF PUBLIC AND PRIVATE STREETS. — *Continued.*

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Packard ave.	Broadway	Medford line	Private.	60	....	2,000
Palmer ave.	Franklin st.	Northwesterly	Private.	20	....	200
Park ave.	Elm st.	Wallace st.	Public.	40	450	....
Park pl.	Laurel st.	Easterly	Private.	30	....	220
Park pl.	Park pl.	Northeasterly	Private.	20	....	150
Park	Somerville ave.	Beacon st.	Public.	50	1,300	....
Parker pl.	Porter st.	Northwesterly	Private.	20	....	150
Parker	Washington st.	Fremont ave.	Private.	35	....	200
Partridge ave.	Vernon st.	Broadway	Public.	40	1,457	....
Patten ct.	Cutter st.	Southeasterly	Private.	8	....	100
Paulina	Broadway	Holland st.	Private.	40	....	775
Pearl	Crescent st.	Mt Vernon st.	Public.	40	300	....
Pearl	Mt. Vernon st.	Franklin st.	Public.	50	950	....
Pearl	Franklin st.	Cross st.	Public.	40	1,025	....
Pearl	Cross st.	Medford st.	Public.	50	2,475	....
Pearl St. pl.	Pearl st.	Northeasterly	Private.	20	....	200
Pearl ter.	Pearl st.	Northerly	Private.	23	....	161
*Pearson ave.	Morrison ave.	Boston ave.	Private.	45	....	1,300
Pearson road	Elm st.	Professors' row	Private.	40	....	1,090
Pembroke ct.	Pembroke st.	Southwesterly	Private.	25	....	130
Pembroke	Central st.	Sycamore st.	Private.	40	....	440
Perkins pl.	Perkins st.	Northeasterly	Private.	20	....	200
Perkins	Franklin st.	Charlestown line	Public.	40	1,350	....
Pinckney pl.	Pinckney st.	Southeasterly	Private.	24	....	125
Pinckney	Washington st.	Perkins st.	Public.	40	1,170	....
Pitman	Beech st.	Spring st.	Private.	30	....	380
Pitman	Spring st.	Belmont st.	Private.	26	....	390
Pleasant ave.	Walnut st.	Vinal ave.	Public.	40	470	....
Poplar ct.	Poplar st.	Southeasterly	Private.	10	....	80
Poplar	Somerville ave.	Linwood st.	Private.	30	....	350
Poplar	Linwood st.	Joy st.	Private.	35	...	300
Porter ave.	Porter st.	Northwesterly	Private.	20	....	220
Porter pl.	Porter st.	Northwesterly	Private.	20	....	195
Porter	Elm st.	Mountain ave.	Public.	45	1,530	....
Porter	Mountain ave.	Highland ave.	Public.	40	425	....
Prescott	Summer st.	Highland ave.	Public.	50	1,050	....
Preston	School st.	Summer st.	Public.	40	800	....
Princeton	Alpine st.	Lowell st.	Public.	40	657	....
Princeton	Lowell st.	Centre st.	Private.	40	....	540
Professors' row	Boston ave.	College ave.	Private.	50	....	460
Professors' row	College ave.	Curtis st.	Private.	40	....	1,900
Prospect	Washington st.	Cambridge line	Public.	50	2,050	....
Prospect Hill av.	Medford st.	High st.	Public.	40	450	....
Prospect pl.	Prospect st.	E. Newton st.	Private.	20	....	130
Putnam	Summer st.	Highland ave.	Public.	50	1,240	....
Quincy	Somerville ave.	Summer st.	Public.	40	700	....
Randolph pl.	Cross st.	Westerly	Private.	15	....	244
Raymond ave.	Curtis st.	North st.	Public.	40	1,345	....
Record's pl.	Broadway	Southwesterly	Private.	10	....	110
Reed's ct.	Oliver st.	Southwesterly	Private.	20	....	105
Remick ct.	Cutter st.	Southeasterly	Private.	10	....	100
Richardson	Lowell st.	Lawrence st.	Private.	35	....	480
Richardson ter.	Richardson st.	Northeasterly	Private.	20	....	135
Richdale ave.	School st.	Sycamore st.	Public.	40	875	....
Richmond hi'h'ds	Madison st.	Southerly	Private.	30	....	150
Roberts	Lawrence st.	Northwesterly	Private.	20	....	170
Robinson	Central st.	Bartlett st.	Public.	40	582	....
Rogers ave.	Morrison ave.	Broadway	Private.	45	....	1,700

*Proposed.

TABLE SHOWING THE LOCATION, LENGTH, AND WIDTH OF PUBLIC AND PRIVATE STREETS. — *Continued.*

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Roseland	Beacon st.	Cambridge line	Public.	40	100	....
Rossmore	Somerville ave.	Washington st.	Public.	40	534	....
Rush	Broadway	Flint st.	Public.	40	1,400	....
Russell	Elm st.	Cambridge line	Public.	40	700	....
Sacramento	Somerville ave.	Fitchburg R. R.	Public.	40	80	....
Sacramento	Fitchburg R. R.	Beacon st.	Public.	40	290	....
Sacramento	Beacon st.	Cambridge line	Private.	40	....	156
Sanborn ave.	Warren ave.	Walnut st.	Public.	40	280	....
Sargent ave.	Broadway	Walnut st.	Public.	40	1,082	....
Sartwell ave.	Cedar st.	Cherry st.	Private.	35	....	400
Sawyer ave.	Packard ave.	Curtis st.	Private.	40	....	690
School	Somerville ave.	Highland ave.	Public.	40	1,870	....
School	Highland ave.	Broadway	Public.	50	2,500	....
Sellon pl.	Marshall st.	Northwesterly	Private.	12	....	120
Seven Pines ave.	Cameron ave.	Cambridge line	Private.	40	....	80
Sewall ct.	Sewall st.	Southwesterly	Private.	25	....	190
Sewall	Grant st.	Temple st.	Public.	40	615	....
Shawmut pl.	Shawmut st.	Alston st.	Private.	30	....	200
Shawmut	Washington st.	Cross st.	Public.	40	550	....
Shedd	Somerville ave.	Merriam ave.	Private.	40	....	310
Sherman pl.	Sargent ave.	Marshall st.	Private.	10	....	250
Sherman	Somerville ave.	Frost ave.	Private.	35	....	270
Sibley ct.	Cutter st.	Northwesterly	Private.	10	....	100
Sibley pl.	Cutter st.	Northwesterly	Private.	10	....	100
Simpson ave.	Broadway	Holland st.	Private.	40	....	825
Skehan	Dane st.	Durham st.	Private.	30	....	720
Smith ave.	Beacon st.	Line st.	Private.	25+	....	200
Snow pl.	Belmont st.	Easterly	Private.	30	....	160
Snow pl.	Snow pl.	Northerly	Private.	25	....	100
Snow ter.	Jaques st.	Southwesterly	Private.	16	....	120
Somerville ave.	E. Camb. line	Union sq	Public.	75	2,300	....
Somerville ave.	Union sq.	N. Camb. line	Public.	70	8,800	....
South	Medford st.	Westerly	Private.	30	....	940
*Southwick ave.	Morrison ave.	Boston ave.	Private.	40	....	990
Spring ct.	Somerville ave.	Westerly	Private.	20	....	200
Spring	Somerville ave.	Summer st.	Public.	40	1,200	....
Springfield	Concord ave.	Cambridge line	Public.	40	800	....
Spring Hill ter.	Highland ave.	Belmont st.	Private.	20	....	670
Stanford ter.	Beacon st.	Northeasterly	Private.	20	....	200
Stickney ave.	Marshall st.	School st.	Public.	40	458	....
St. James ave.	Elm st.	Summer st.	Public.	40	488	....
Stone ave.	Union sq.	Columbus ave.	Public.	40	676	....
Stone pl.	Stone ave.	Southeasterly	Private.	30	....	145
Summer	Bow st.	Elm st.	Public.	45	7,700	....
Summit ave.	Walnut st.	Vinal ave.	Public.	45	470	....
Summit	Elm st.	Billingham st.	Public.	40	202	....
Sumner	Lawrence st.	Northwesterly	Private.	20	....	175
Sunnyside ave.	Walnut st.	Wigglesworth st.	Private.	35	....	250
Sycamore	Broadway	Medford st.	Public.	45	1,250	...
Sycamore	Medford st.	Richdale ave.	Private.	40	....	550
Sycamore	Richdale ave.	Highland ave.	Private.	33	....	800
Sydney	Wheatland st.	Temple st.	Private.	40	....	925
Talbot ave.	Packard ave.	College ave.	Private.	50	....	1,409
Taunton	So. Wyatt st	Easterly to angle	Private.	30	....	170
Taunton	Angle	Marion st.	Private.	20	....	95
Taylor pl.	Somerville ave.	Southerly	Private.	15	....	200
Taylor	Mystic ave.	Sydney st.	Private.	40	....	310
Temple	Broadway	Mystic ave.	Public.	66	1,540	....

*Proposed.

TABLE SHOWING THE LOCATION, LENGTH, AND WIDTH OF PUBLIC AND PRIVATE STREETS. — *Continued.*

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Tenney ct.	Mystic ave.	Northeasterly	Private.	30	....	400
Tennyson	Forster st.	Medford st.	Public.	40	469	....
Tennyson	Medford st.	Pembroke st.	Private.	40	....	400
Thorndike	Holland st.	Kingston st.	Private.	40	....	580
Thorpe pl.	Highland ave.	Southwesterly	Private.	30	....	451
Thurston	Broadway	Richdale ave.	Public.	40	1,660	....
Tower ct.	Tyler st.	Northeasterly	Private.	25	....	150
Tower	Crown st.	Highland ave.	Public.	40	559	....
Tremont pl.	Tremont st.	Southeasterly	Private.	about 10	....	75
Tremont	Webster ave.	Cambridge line	Public.	40	589	....
Trull	Vernon st.	Medford st.	Public.	40	1,050	....
Trull lane	Highland ave.	Oxford st.	Private.	15	....	200
Tube Works ct.	Somerville ave.	Southwesterly	Private.	20	....	150
Tufts ave.	Talbot ave.	Professors' row	Private.	60	....	250
Tufts	Washington st.	Cross st.	Public.	40	940	....
Tyler	Vine st.	Dane st.	Public.	40	404	....
Union	Broadway	Mystic ave.	Public.	40	330	....
Union pl.	Linwood st.	Southwesterly	Private.	10	....	100
Veazie	Walnut st.	Bradley st.	Private.	40	....	650
Vernon	Central st.	Jenny Lind ave.	Public.	40	740	....
Vernon	Jenny Lind ave.	Lowell st.	Private.	30	....	600
Victoria	Broadway	Cambridge line	Private.	40	....	1,036
Villa ave.	Winslow ave.	Arlington B. R. R.	Private.	35	....	200
Village	Dane st.	Vine st.	Private.	25	....	370
Vinal ave.	Summer st.	Highland ave.	Public.	45	1,400	....
Vinal	Richardson st.	Northeasterly	Private.	20	....	200
Vine ct.	Vine st.	Northwesterly	Private.	25	....	140
Vine	Somerville ave.	Hanson st.	Private.	40	....	780
Vine	Hanson st.	Beacon st.	Private.	25	....	650
Virginia	Aldrich st.	Jasper st.	Public.	40	405	....
Wade ct.	Cedar st.	Westerly	Private.	20	....	180
Waldo	Highland ave.	Hudson st.	Public.	40	287	....
Wallace	Holland st.	Broadway	Public.	40	1,350	....
Walnut	Bow st.	Broadway	Public.	40	3,830	....
Walter pl.	Walter st.	Southwesterly	Private.	40	....	222
Walter	Walnut st.	about 100 ft. N. of Bradley st.	Public.	40	548	....
Ward	Medford st.	Earl st.	Private.	30	....	610
Warren ave.	Union sq.	Columbus ave.	Public.	40	650	....
Warren	Medford st.	Cambridge line	Private.	30	....	100
Warwick ave.	Warwick st.	Northeasterly	Private	15	....	150
Warwick	Cedar st.	Warwick ave.	Public.	40	655	....
Washington ave.	Washington st.	Northerly	Private.	18	....	350
Washington	Charlest'n line	Franklin ave.	Public.	75	1,060	....
Washington	Franklin ave.	Fitchburg R. R.	Public.	60 to 100	3,870	....
Washington	Fitchburg R. R.	Cambridge line	Public.	60	2,380	....
Water	South st.	Northerly	Private.	25	....	250
Waterhouse	Broadway	Cambridge line	Private.	40	....	986
Waverly	Washington st.	Southerly	Private.	35	....	200
Weare	Curtis st.	Northwesterly	Private.	40	....	700
Webster ave.	Union sq.	Cambridge line	Public.	49.5	1,960	....
Webster	Franklin st.	Cross st.	Public.	40	1,000	....
Wellington ave.	Walnut st.	Montgomery ave.	Public.	40	215	....
Wellington ave.	Montgomery ave.	Easterly	Private.	40	....	85
Wesley pk.	Wesley sq.	Northeasterly	Public.	40	405	....
Wesley	Pearl st.	Northeast to angle	Private.	40	....	350
Wesley	Angle	Otis st.	Private.	30	....	165

TABLE SHOWING THE LOCATION, LENGTH, AND WIDTH OF PUBLIC AND PRIVATE STREETS.—*Concluded.*

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
West	Broadway	Heath st.	Private.	30	....	250
West	Hawthorne st.	Arlington B. R. R.	Private.	30	....	290
Westminster	Broadway	Electric ave.	Public.	40	376	....
Weston ave.	Clarendon ave.	Broadway	Private.	40	....	525
Westwood road	Central st.	Benton ave.	Public.	40	489	....
Wheatland	Broadway	Jaques st.	Public.	40	495	....
Wheatland	Jaques st.	Mystic ave.	Private.	40	....	855
Wheeler	Pinckney st.	Mt. Vernon st.	Public.	40	269	....
Whipple	Hawthorne st.	Arlington B. R. R.	Private.	30	....	575
White	Elm st.	Cambridge line	Private.	20	....	300
White St. pl.	White st.	Southeasterly	Private.	20	....	200
Wigglesworth	Bonair st.	Pearl st.	Public.	40	740	....
William	Chandler st.	Elm st.	Public.	40	381	....
Williams ct.	Porter st.	Northwesterly	Private.	30	....	150
Willoughby	Central st.	Sycamore st.	Private.	30	....	400
Willow ave.	Elm st.	Broadway	Public.	50	3,440	....
Willow pl.	Cambridge line	South st.	Private.	25	....	150
*Willowdale	Willow ave.	Easterly	Private.	40	....	550
Wilson ave.	Broadway	B. & L. R. R.	Private.	20	....	210
Wilton	Lowell st.	Lawrence st.	Private.	35	....	470
Windom	Elm st.	Summer st.	Public.	40	300	....
Winslow ave.	Elm st.	Grove st.	Public.	40	514	....
Winslow ave.	Grove st.	Clifton st.	Private.	40	....	572
Winter	Elm st.	Holland st.	Private.	30	....	430
Winter Hill cir.	Broadway	Northeasterly	Private.	25	....	177
Winthrop ave.	Broadway	Mystic ave.	Public.	50	1,170	....
Woodbine	Centre st.	Lowell st.	Private.	30	....	600
*Woods ave.	North st.	Alewife Brook	Private.	40	....	1,350
Woodstock	Victoria st.	Alewife Brook	Private.	40	....	415
Wyatt ct.	South Wyatt st.	Westerly	Private.	13	....	200
Wyatt (South)	Concord ave.	Northerly	Private.	40	....	400
Wyatt (North)	Washington st.	Southerly	Private.	40	....	350
Yorktown	100 ft. north of Malvern ave.	Cambridge line	Private.	40	548	....

* Proposed

UNNAMED STREETS.

Court	Craigie st.	Westerly	Private.	25	....	126
Court	Craigie st.	Westerly	Private.	25	....	126
Court	Craigie st.	Westerly	Private.	25	....	126
Court	Broadway	Southwesterly	Private.	15	....	96
Court	Dane st.	Easterly	Private.	10	....	70
Court	Lowell st.	Westerly	Private.	25	....	101
Court	Lowell st.	Westerly	Private.	25	....	101
Court	Olive ave.	Porter st.	Private.	7.5	....	156
Court	Stone ave	Northwesterly	Private.	20	....	113
Total					293,458	169,133

Public, 55.58 miles; private, 32.03 miles.

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Twenty-Fifth Annual Report

City Engineer

City of Somerville

1898

TWENTY-FIFTH

ANNUAL REPORT

OF THE

CITY ENGINEER

Compliments of

ERNEST W. BAILEY,

City Engineer.

BOSTON:
AMERICAN PRINTING AND ENGRAVING CO.
50 Arch Street.
1800.

CITY OF SOMERVILLE.

IN BOARD OF ALDERMEN, February 8, 1899.

Referred to Committee on Printing, to be printed in the annual reports. Sent down for concurrence.

GEORGE I. VINCENT, *Clerk.*

IN COMMON COUNCIL, February 9, 1899.

Referred to Committee on Printing, to be printed in the annual reports, in concurrence.

CHARLES S. ROBERTSON, *Clerk.*

CITY OF SOMERVILLE.

OFFICE OF CITY ENGINEER,
CITY HALL, SOMERVILLE, January 25, 1899.

TO HIS HONOR, THE MAYOR, AND THE CITY COUNCIL OF THE CITY OF SOMERVILLE.

Gentlemen: — In accordance with Chapter 9, Section 9 of the city ordinances, I herewith present to your honorable body a report of the work done and expense incurred, for the year ending December 31, 1898, by the departments under my charge and supervision, including Engineering, Sewers, Public Grounds, and other public works.

ENGINEERING DEPARTMENT.

Work in this department consists of the designing of all public engineering works and the superintending of the construction of sewers, bridges, parks, and various other special works of improvement ordered by the City Council from time to time; including the making of all surveys, plans, profiles, specifications, estimates, etc., for the several city departments and committees; the furnishing of street lines, grades, and other information for property owners and builders; the making of assessment plans and computing of assessments for sewers, sidewalks and streets; and the locating, recording, and indexing of all work under the control of the City Engineer.

The work of the Engineering department has increased materially the past year, owing to the greater amount of work done by the Sewer and Highway departments.

Twenty-one assistants have been employed in the department as engineers on the various works during the year, eleven permanently, and others as the work required. All engineering

work has been paid from the engineering appropriation, with the exception of a portion of the work on the constructing of the large storm-water drains, the services of the engineer in charge, who was also an inspector, being charged to that account.

Appropriation		$9,000.00
Received from W. A. Sanborn, partial survey Lincoln Park		40.00
Received from Miscellaneous account, street numbering		21.50
		$9,061.50
Salary City Engineer (including maintenance of team) . .	$2,350.00	
Salaries of assistants . . .	6,062.02	
Draughting materials, stationery and office supplies . .	265.16	
Tapes, plumbs, stakes, tools and general supplies . . .	178.88	
Car fares	174.15	
Expressing and incidental expenses	10.00	
Total		9,040.21
Unexpended balance		$21.20
Engineering services on account of constructing storm drains, paid from Sewers Construction account		$1,456.87
Total cost maintaining Engineering department, 1898		$10,497.08

CLASSIFICATION OF EXPENDITURES, ASSISTANTS' SALARIES.

Sewers—comprising surveys, estimates, profiles, lines, grades, titles, plans, assessments, and all work relating to sewers	$2,716.46
Amount carried forward	$2,716.46

Amount brought forward	$2,716.46
Highways—comprising plans, estimates, titles, profiles, lines and grades, and all other work relating to the department	409.18
Sidewalks—comprising profiles, lines, grades, measurements, titles, costs and assessments	516.72
Water Works—comprising lines, grades, locations of mains, gates, hydrants and services, and other matters relating to water department	455.08
Public Grounds—comprising surveys, plans, estimates, profiles and grades, including laying out of parks	404.93
Public Buildings—comprising surveys, estimates, lines, grades, and other work relating to construction	86.59
Street Numbering—comprising locations of buildings, plans, and affixing street numbers on houses	162.43
Street Lines—comprising establishing of lines, grades, and miscellaneous data given parties for building and grading	129.81
Middlesex Registry—comprising copying of plans and abstracts from deeds filed, and examination of titles	186.72
City Survey—comprising lines, angles and measurements, calculations of traverses and locations of division lines and buildings .	203.03
West End Street Railway Co.—comprising grades, plans and profiles	53.78
Somerville Electric Light Co.—comprising lines, plans and locations of poles . . .	20.28
Office Work — comprising records of all locations, indexing, typewriting, calculations, and general draughting	528.17
Miscellaneous Work — comprising preliminary surveys, designs, sketches, etc., relating to various schemes for different committees .	188.84
Total	$6,062.02

The total cost of maintaining the Engineer's department from 1872 to 1898, both years inclusive, has amounted to	$144,178.00

OFFICE RECORDS.

Note Books and Plans on File.

Survey and field books	178
Sewer permit books	24
Deed record books	7
Total note books	209
Highway plans and profiles	1,003
Sewer plans and profiles	1,438
Park plans	78
Street numbering plans	427
House lot plans	1,392
Miscellaneous plans	472
Total plans	4,810

BRIDGES, SUBWAYS, AND GRADE CROSSINGS.

Boston & Maine Railroad, Southern or Lowell Division: — On the main line of this railroad there are no grade crossings in the city; at Washington street the highway passes beneath the railroad, but at all other crossings on this line the highways cross by means of bridges. All but two of these bridges have been erected recently; they are modern iron structures and are maintained by the railroad company.

The new iron Bridges were built in the following years: — Washington street, 1887; Cross street, 1891; Walnut street, 1895; Medford street, 1880; School street, old structure, to be rebuilt in 1899; Sycamore street, old structure; Central street, 1890; Cedar street, 1888; Broadway, 1893.

At Lowell street there is at present no bridge, the old structure having been torn down by the railroad company a number of years ago. This bridge should be rebuilt, as there is no means of crossing the railroad between the Central street and Cedar street bridges, which are a half mile apart.

On the line of the Lexington and Arlington branch of the Boston & Maine Railroad, all the city's streets cross at grade and could be abolished at the present time at a comparatively small expense, while the land at most of these points is unobstructed by buildings and the income from the increased valuation in these localities would soon equal the city's original outlay.

Fitchburg Railroad:— On the line of this railroad there are but three bridges, namely, at Prospect street, Washington street, and Beacon street. The Beacon street bridge will probably be rebuilt in 1899. It is designed to be of the full width of the roadway, 44 feet, with 10-foot sidewalks.

The other two bridges are old structures, but will probably answer all purposes, with some repairing, until the matter of abolishing all grade crossings on the line of this railroad is determined. At Kent street and Sacramento street, there are subways for foot passengers only.

At the present time there are ten streets within the city limits that are grade crossings on the line of the Fitchburg Railroad. These are not only dangerous, but cause much delay, and the railroad company and the city should unite in an attempt to abolish these crossings. During the past year considerable preliminary work has been accomplished.

Broadway Bridge over Alewife Brook:— This is a stone arch, masonry bridge, in good repair, and is maintained jointly by this city and the town of Arlington.

Bridges over Mystic River:— Middlesex avenue bridge is a wooden, pile bridge, with a draw, maintained by the cities of Somerville and Medford; the bridge has been extensively repaired from year to year and will probably be replaced by a new, substantial structure in the near future, to conform with the Metropolitan boulevard constructed on either side of the river. Somerville's proportional part of maintenance for 1898 was $701.17.

Boston Avenue Bridge:— This is a wooden structure, resting on stone abutments, and is in need of extensive repairs; if a double line of electric railroad tracks should be laid in Boston avenue, and cross the Mystic River at this point, a new and permanent bridge should be erected the full width of the street.

SEWERS AND STORM-RELIEF DRAINS.

Probably a far greater amount of construction work has been accomplished by the Sewer department during the past year than in any other previous year, as the money was available for use early in the season, and large construction work was commenced in March and continued through December. The city has saved many thousands of dollars by doing this work at an opportune time, when materials were at their lowest prices and laborers out of employment on account of business depression.

For many years past the sewers in certain sections of the city have been inadequate in times of heavy storms, and many cellars in the low areas have been badly flooded.

The greater part of the work accomplished during the year has been the construction of long lines of storm-relief drains.

In 1897 a portion of the main trunk outlet for storm water in the Eastern district of the city was completed in Winthrop avenue to Broadway, and in 1898 work on construction was continued from this point in opposite directions. A bell-mouth, or chamber, 15.5 feet long by 9 feet wide, was constructed by day labor, at the junction of Winthrop avenue and Broadway. The cost was $575.00. From this chamber one line of storm drain was constructed on the northeasterly side of Broadway, from Winthrop avenue to Cross street, and thence along the easterly side of Cross street to the junction of Pearl street; this work was done by contract with Thomas H. Bryne. The structure is circular, built of concrete and brick masonry, 8 feet 6 inches in diameter, and has overflow connections constructed with the old sewerage system at different points on its route.

The total length of this relief drain is 1,877.5 feet, and the cost $15,741.27. It provides relief from flooding for a district in East Somerville comprising about 147 acres.

Another line of storm drain was constructed from the previously mentioned chamber and extended on the southwesterly side of Broadway, from Winthrop avenue to Sargent avenue, thence on the easterly side of Sargent avenue to Sherman court, through Sherman court to Marshall street, thence along

SIZE 4'-8."

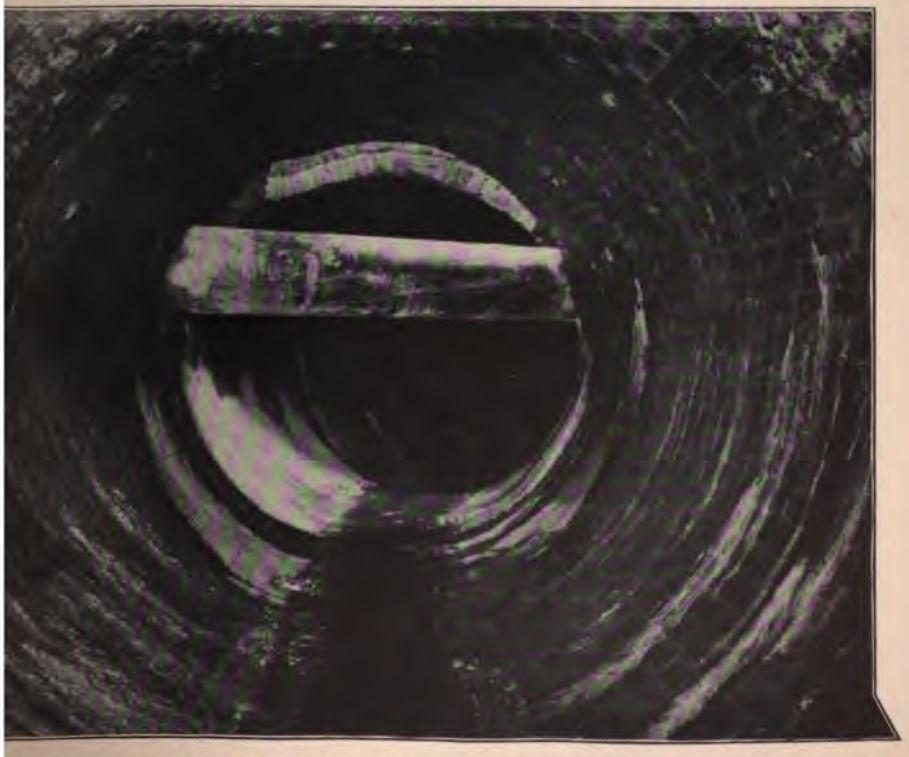
DROP CHAMBER ON BROADWAY STORM DRAIN, NEAR WALNUT ST

3'-6" CONNECTION. 5'-2" CONNECTION.
7'-6" X 7'-1" OUTLET.

BELL-MOUTH CHAMBER, JUNCT. BROADWAY AND WINTHROP

4′ CONNECTION. 4′ CONNECTION.

ELL-MOUTH CHAMBER, GILMAN SQ., ON STORM DRAIN.



HALL ST. SEWER CROSSING THROUGH 5′-6″ STORM DRAIN.

the northwesterly side of Marshall street to Gilman square, crossing the square and running on the southwesterly side of Medford street to the junction of School street.

This work was done by contract and divided, for convenience, into two sections, the part in Broadway and Sargent avenue being constructed by Richard Falvey, and the remaining portion by Charles E. Trumbull & Co.

It is a circular structure, built of concrete and brick masonry, and varies in size, being 5 feet 6 inches, 5 feet 2 inches, 4 feet 8 inches, and 4 feet in diameter, respectively, having overflow connections with the old sewers at various points.

The total length of this drain is 3,774.7 feet, and the cost, $35,467.03; it is designed to drain, eventually, 285 acres. At Gilman square a bell-mouth connection was left, to be used in the future for draining the Lowell Railroad valley, between School street and Cedar street; this section includes an area of about 118 acres, and at present has no storm-drainage system. A portion of this area is badly flooded at times, and the storm-drainage system should be extended in the railroad valley as a means of relief, the railroad corporation paying a proportional part of the expense for the benefits it will derive therefrom.

A short section of the main trunk outlet for storm water in this Eastern district system remains to be constructed across the marsh land, on the line of Winthrop avenue extended, between Mystic avenue and Middlesex avenue.

When these two sections, just referred to, are constructed, the whole watershed area on the northeasterly side of the city, comprising 520 acres, will be completely drained, and cellars and streets permanently relieved from flooding during storms.

On the southerly side of this watershed, flooding is also experienced, and for the purpose of giving relief to a portion of the district, a storm-relief drain has been constructed during the past year, from the Washington street and Somerville avenue sewers, in Union square, northwesterly in Bow street, on the easterly side, crossing through Wesley square, and extending on the westerly side of Summer street to the junction of School street, a distance of 2,080.8 feet.

The structure is built of concrete and brick masonry, varying in size from 5 feet to 3 feet 4 inches in diameter, with relief

overflows, constructed at different points, connecting the old sewerage system.

C. E. Trumbull & Co. were the contractors, and the total cost of construction amounted to $18,259.94.

The southerly and westerly portion of this same watershed area, in the vicinity of Union square, and westerly to the Cambridge line, being a very flat and low area, presents a more difficult problem in the city's drainage system.

Within this area there are many cellars at a lower elevation than tide-water, and whenever a heavy storm occurs, accompanied with a high tide, some 700 cellars become more or less flooded by back sewage. To relieve this district, an entirely separate system of sewers has been designed for house drainage only, having its outlet into the metropolitan sewer, the present system to be used for storm drainage.

A section of this separate sewer system, a part of the main trunk line, was constructed the past year, extending from the Metropolitan sewer at Poplar street, along the northeasterly side of Somerville avenue to Prospect street, a distance of 1,846 feet. The work of construction was divided into two sections, the contractors being Timothy F. Crimmings and C. E. Trumbull & Co. The sewer is built of concrete and brick masonry, egg shaped, 3 feet and 3 inches by 2 feet and 2 inches in size, the total cost amounting to $16,168.03.

By the extension of this separate system, with various branches, all cellars in the entire Somerville avenue and Concord square districts will be relieved from flooding during storms. Also to give partial relief in times of heavy rains to the present overcharged Somerville avenue sewer, a short section of storm-water drain should be constructed from Somerville avenue easterly to the present head of Miller's River, on the northeast side of the Boston & Lowell Railroad, at the East Cambridge line; this outlet would be protected by automatic tide-gates.

The past year sewers have been built in a section in the westerly part of the city, between Clarendon Hill and Alewife Brook; these are small pipe sewers, constructed for house drainage only, and have their outlet into the Metropolitan

0" STORM DRAIN CONNECTING WITH 5'-6" SEWER IN UNION SQ.

33" x 22" SEWER UNDER 5'-6" SOMERVILLE AVE. SEWER AT PROSPECT ST. INVERT SOMERVILLE AVE. SEWER ⅜" STEEL.

sewer. New sewers have been built and old ones rebuilt in various streets in different parts of the city, as required by petitions, during the year.

METROPOLITAN SEWER CONNECTIONS.

During the year 1898, four new connections have been made with the Metropolitan sewer mains, three in the vicinity of Alewife Brook, and the other at the junction of Somerville avenue and Poplar street. At present the city has within its limits, eight connections between the local system and the State sewer, and also two outlets for sewage from small districts through the cities of Cambridge and Medford.

A connection should be made at North Union street for the district on Mount Benedict and vicinity, preventing the discharge of this sewage into Mystic River.

About sixty-nine miles of sewers, having over eleven thousand house connections in the city, are connected with the Metropolitan sewer mains. The city's assessment for maintenance of the Metropolitan sewer for 1898 was $9,046.15, and on construction account, $22,520.16. The total amount paid by the City of Somerville on account of construction and maintenance of the Metropolitan sewerage system has been $202,506.37.

SEWERS AND STORM DRAINS CONSTRUCTED IN 1898.

Nineteen sewers have been constructed during the year, a length of 14,975.3 feet (2.84 miles), at a total cost of $33,240.92. One sewer, contracted for, remained uncompleted December 31, 1898.

On thirteen of these sewers, assessments have been levied on the abutting land owners, amounting to $11,107.04; the remaining six sewers will be assessed the coming year.

Eight thousand and seventy-six and nine-tenths feet (1.53 miles) of storm-water drains, costing $70,584.81, have been constructed during the year.

The total cost of constructing the sewerage system in the city has amounted to about $843,200.00, and the total amount expended for storm-relief drains, exclusive of land damages, about $131,128.00.

CATCH-BASINS AND MISCELLANEOUS CONSTRUCTION WORK.

Forty-two catch-basins have been built during the year 1898, at a total cost of $1,715.22.

The total number of catch-basins built in the city December 31, 1898, is nine hundred and forty-one.

By the addition of more basins on the streets in the localities of the newly constructed storm drains, the highways of the city can be better maintained and at a less expense.

Ten manholes have been constructed on a portion of the old sewerage system in the East Somerville district, east of Cross street, at a total cost of $272.33, for the purpose of inspecting and cleaning the sewers in this district.

A temporary wooden tide-gate has been built at a cost of $296.65, in the Winthrop Avenue storm drain, at its outlet on Mystic avenue into the creek across the marsh lands; this tide-gate will be permanently constructed at Middlesex avenue, when the storm drain is completed, in the place of the tide-water creek.

The outlet to the Tannery Brook storm drain, in Cambridge, has been improved and extended during the year at a cost of $455.24.

MAINTENANCE OF THE SEWERAGE SYSTEM, 1898.

The general work and cost of maintaining the sewerage system of the city increases each year as more catch-basins are added, more connections with the Metropolitan sewer made, and additional lengths of sewers and storm drains constructed, all of which must be cleaned and flushed occasionally during the year.

The cost of changing the line and grade and repairing manholes, the cleaning of flooded cellars, the flushing, cleaning, repairing and general maintenance of sewers during the year 1898, amounted to $3,641.61.

The cost of changing the line and grade, repairing, cleaning, flushing and general maintenance of catch-basins during the year 1898, amounted to $3,694.36.

Permits were granted the past year for laying two hundred and eighty-six private drains connecting buildings with the

public sewers, and for the repairing of thirty-three old drains. All connections with the public sewers are made by licensed drain layers, under the direction of the city's inspector, and are located and recorded for future reference. The cost of inspection, location and general supervision of house drains has amounted to $368.02.

EXPENDITURES IN SEWER DEPARTMENT, 1898.

The total cost of work done under Sewers Construction account during the year amounted to $108,567.71, which includes the amount expended for construction of storm-relief drains.

The total cost of work done under Sewers Maintenance account during the year amounted to $7,703.99.

TABLE SHOWING STORM DRAINS CONSTRUCTED IN 1898.

District Benefited.	From	To	Contractor.	Concrete and Brick. Size in Inches.	Length in Feet.	Cubic Yds. Rock.	Engineering and Inspection.	Materials Furnished by City.	Average Cut.	Average Cost per Foot.	Total Cost.
East Somerville District.											
Broadway Cross st.	Winthrop ave. Broadway	Cross st. Pearl st.	T. H. Bryne	42	1,877.5	757	$619.90	$428.10	13.2	$8.38	$15,741.27
Winthrop ave.	End drain built 1897	Broadway	City. Day labor	90x85	25.7	(Includes Bell-mouth.)					755.67
Broadway Sargent ave.	Winthrop ave. Broadway	Sargent ave. Sherman ct.	Richard Falvey	62-56 56	1,648.6	115.1	631.41	286.30	13.5	8.84	14,566.77
Sherman ct. Marshall st. Gilman sq. Medford st.	Sargent ave. Sherman ct. Marshall st. Gilman sq.	Marshall st. Gilman sq. Medford st. School st.	C. E. Trumbull & Co.	56 66 66–48 48	2,126.1	8.2	878.30	1,242.95	11.6	9.83	20,900.26
Somerville Ave. District.											
Union sq. Bow st. Summer st.	Washington st. sewer Union sq. Bow st.	Bow st. Summer st. School st.	C. E. Trumbull & Co.	60–51 51 51–40	2,080.8	437.2	751.53	557.97	11.3	8.78	18,259.94
Tannery Brook Valley District.											
Day st.	Davis sq.	Westerly	C. E. Trumbull & Co.	A 20–12	318.2		16.00	81.18	10.0	1.13	360.90
Total					8,076.9						$70,584.81

A. Pipe.

Total length storm drains constructed by the city Jan. 1, 1899, 14,689.9 feet.

TABLE SHOWING STORM DRAINS CONSTRUCTED IN 1898.

District Benefited.	From	To	Contractor.	Concrete and Brick.							Total Cost.
				Size in Inches.	Length in Feet.	Cubic Yds. Rock.	Engineering and Inspection.	Materials Furnished by City.	Average Cut.	Average Cost per Foot.	
East Somerville District.											
Broadway	Winthrop ave.	Cross st.	T. H. Bryne	42	1,877.5	757	$619.90	$428.10	13.2	$8.38	$15,741.27
Cross st.	Broadway	Pearl st.									
Winthrop ave.	End drain built 1897	Broadway	City. Day labor	90x85	25.7	(Includes Bell-mouth.)					755.67
Broadway	Winthrop ave.	Sargent ave.	Richard Falvey	62–56	1,648.6	115.1	631.41	286.30	13.5	8.84	14,566.77
Sargent ave.	Broadway	Sherman ct.		56							
Sherman ct.	Sargent ave.	Marshall st.	C. E. Trumbull & Co.	56	2,126.1	8.2	878.30	1,242.95	11.6	9.83	20,900.26
Marshall st.	Sherman ct.	Gilman sq.		66							
Gilman sq.	Marshall st.	Medford st.		66–48							
Medford st.	Gilman sq.	School st.		48							
Somerville Ave. District.											
Union sq.	Washington st. sewer	Bow st.	C. E. Trumbull & Co.	60–51	2,080.8	437.2	751.53	557.97	11.3	8.78	18,259.94
Bow st.	Union sq.	Summer st.		51							
Summer st.	Bow st.	School st.		51–40							
Tannery Brook Valley District.											
Day st.	Davis sq.	Westerly	C. E. Trumbull & Co.	A 20–12	318.2		16.00	81.18	10.0	1.13	360.90

PUBLIC GROUNDS DEPARTMENT.

The public parks in the city have been maintained during the season of 1898 at about the same cost as the preceding year. Some changes have been made in the location and planting of the various flower beds on the different parks. A rockery has been added in the pond on Broadway Park, which was decorated during the summer with tropical plants, water grasses and pond lilies.

By an agreement, Florist J. W. Howard has furnished and maintained all flowers, plants, bulbs, bedding and shrubbery used on the public grounds during the season.

The fence which surrounded the Parkway, in Broadway, has been removed, and an order was adopted by the City Council in December, authorizing the removal of the iron fence enclosing the Broadway Park, but nothing was done, on account of insufficient time.

Some of the walks on Central Hill Park have been partially repaired during the year, but the steep walks leading to the railroad station are in an unsafe condition and should be reconstructed ; also an additional number of settees should be placed on the different parks.

The matter of depositing ashes and refuse material on all parts of the Ward Two park has been restricted, and all dumping confined to Wyatt's pit, in one section of this park.

During the winter months, Lincoln Park and Broadway Park have been flooded, and some excellent ice provided which has been enjoyed by crowds of skaters; at the Central Hill Park, Nathan Tufts Park and Broadway Park, special police service has been furnished throughout the entire season, the police officers being on duty during afternoons and evenings, which has raised the character and increased the popularity of the city's public grounds, the parks having been more liberally patronized during the past season by visitors and bicycle riders than ever before.

In August the heirs of Nathan Tufts donated a new flag to be used on the old Powder House at Tufts Park.

An order was adopted by the City Council, April 11, 1898, naming the two parcels of land, Sanborn Field and Wyatt's Pit,

in Ward Two, recently purchased by the city for park purposes, Lincoln Park, and also for the laying out and constructing of the park according to a certain plan. (A copy of this plan was printed in the report of 1897.)

An appropriation of $5,000.00 was made for a partial construction of this park. A roadway, 40 feet in width and 1,220 feet long, with an average fill of 3 feet 7 inches, has been subgraded, the athletic field leveled over and put in condition for surfacing, sewers and drains constructed, and the portion of the field around the old pit partially graded and filled. According to an agreement in the purchase, the roadway in this park must be completed by July 1, 1899. The athletic field can be finished for use during the coming year.

By an act of the Legislature, approved April 1, 1898, the City of Somerville was authorized to acquire and lay out land as a public park, located on the summit of Prospect Hill.

During the year about one half of the land in the area for this proposed park was purchased, being the Thompson Estate, located on the southwesterly side of Munroe (or High) street, opposite the intersections of Prospect Hill avenue and Greenville street, and comprising 1.32 acres, the city paying $20,000.00 for the land, and the taxes for 1898, amounting to $356.21. The remainder of the land for this park, the Hutchins and Jones Estates, may be purchased or taken any time within three years. The total area of this park will be 2.57 acres.

A number of sketches and considerable data have been prepared during the last year on projected boulevards; Chauncey and Winthrop avenues and a small piece of land from the northeast corner of Broadway Park have been taken by the Metropolitan Park Commission for the extension of the Fellsway boulevard to Broadway; the construction of this boulevard was completed as far as Mystic avenue, by the State, during the year, and when the extension is completed, the city will have an entrance to the driveways through Middlesex Fells.

Another proposed boulevard has been agitated, which would also be a direct entrance to the Fells; beginning at Powder House square, opposite the Tufts Park, and extending northwesterly across Tufts College and other private lands, along the

easterly bank of Alewife brook, to near the junction of Boston avenue and Mystic River, at the city of Medford boundary line. The property owners on the line of this proposed boulevard will contribute the necessary land, with but one or two exceptions, and probably during the next year the matter will be definitely settled, the city being unable to take this land for boulevard purposes without first obtaining authority from the Legislature.

When constructed, this drive would connect with the proposed boulevard extending from Mystic Lake along the banks of Mystic River to the Wellington bridge. On this river boulevard, considerable preliminary work was done the latter part of the year by the cities of Somerville and Medford in conjunction with the Metropolitan Park Commission.

The total area maintained by the Public Grounds department amounts to 50.2 acres.

CONDENSED TABLE SHOWING COST OF MAINTENANCE OF CITY'S PARKS FOR 1898.

	Broadway Park.	Broadway Parkway.	Central Hill Park.	Nathan Tufts Park.	Lincoln Park.	Somerville Ave. Cemetery.	Miscellaneous.
Labor, care of walks, drives, grass, etc.	$1,086.82	$126.00	$800.17	$640.40	$ 99.38	$26.00	....
Labor, removing snow and ice from walks	....	....	208.69	....	....	....	....
Labor, flooding pond and care of ice for skating	456.92	....	....	....	429.31	....	....
Labor, police service on park (including uniform)	320.90	....	200.45	239.45	....	....	....
Labor, trimming trees and destroying brown-tail moth	51.00	....	27.37	....	....	19.82	....
Use of water, season of 1898	5.00	15.00	20.00	15.00	....	5.00	....
Tools and sundry supplies	60.12	....	53.02	22.33	30.50	....	....
Repairs of tools and property	25.83	9.00	20.10	11.50	12.22	....	....
Teaming and use of horse on mower	99.68	....	56.13	....	....	....	....
New settees, repairing and painting settees	53.85	....	....	24.90	....	....	....
Repairing walks and drives, materials	56.50	....	49.45	10.38	....	....	....
New flag, raising and lowering topmast	48.00	....	....	....	....	....	....
Constructing rockery in pond	74.14	....	....	....	....	....	....
Plants, flowers, bulbs, and maintenance of same	286.00	164.00	350.00	100.00	....	....	....
Totals, each park	$2,624.76	$314.00	$1,785.38	$1,063.96	$571.41	$50.82	$26.00

TOTAL EXPENDITURE, maintenance		$6,436.33
CREDIT.		
APPROPRIATION	$6,000.00	
INTEREST ACCOUNT	400.00	
WEST END STREET RAILWAY CO.	50.00	
SALE OF MATERIALS	15.30	
		6,465.30
UNEXPENDED BALANCE		$28.97

LINCOLN PARK, CONSTRUCTION, 1898.

Labor, laying out and grading park	$1,446.06	
Teaming and rolling . . .	281.02	
Underdraining field, pipe $133.55, labor $84.00 . . .	217.55	
Loam delivered, 317 cubic yards	64.46	
Labor, construction of roadway .	571.00	
Filling delivered, 10,276 cubic yards	1,805.83	
Labor, care of dumping and grading at Wyatt's pit . .	353.50	
Tools and supplies . . .	30.11	
Sewer assessment . . .	218.34	
Total expended		$4,987.87
Appropriation		5,000.00
Unexpended balance . . .		$12.13

TABLE SHOWING TOTAL COST OF PARKS AS CONSTRUCTED.

(Exclusive of Maintenance.)

	Broadway Park (15.9 acres.)	Central Hill Park (13.1 acres.)	Nathan Tufts Park (4.5 acres.)	Lincoln Park (8.3 acres.)	Prospect Hill Park (1.3 acres.)
Cost of land purchased for park purposes.	$126,257.10	$104,186.00	$19,424.55	$37,592.92	$20,356.21
First cost of laying out and constructing . .	86,138.57	31,624.70	33,404.83	5,602.87	
Total cost . . .	$212,395.67	$135,810.70	$52,829.38	$43,195.79	$20,356.21

HIGHWAYS.

Ten streets have been accepted during the year, an aggregate length of nine-tenths of a mile, making the total length of public streets, fifty-six and thirty-eight one-hundredths miles.

Seventeen private streets have been added the past year, making a total length of thirty-two and twenty-four one-hundredths miles.

The sum total, public and private streets in the city, December 31, 1898, is eighty-eight and sixty-two one-hundredths miles.

During the year, eighteen thousand four hundred and thirty-two feet, or three and one-half miles, of edgestone have been set, and sixteen thousand nine hundred and eighty-seven yards of brick sidewalk constructed, making a total of about seventy-five and nine-tenths miles of edgestone and about fifty miles of brick sidewalk.

About one fourth of a mile of paved streets have been constructed the last year, making a total length of two and four-tenths miles of granite paved streets.

The latter part of the year the City Council granted a location to the Massachusetts Pipe Line Gas Company for laying two 36-inch supply mains in the highways across the easterly end of the city; the route extending from the Charlestown line through Washington street, Prospect street, Houghton street and Springfield street to Inman square, Cambridge.

The work of laying these large gas mains will necessitate a number of changes in the city's pipes.

WEBSTER AVENUE, PAVING.

(Between Fitchburg R. R. and Cambridge Line.)

During the year the remaining portion of Webster avenue has been paved with granite blocks, laid partly on a gravel foundation and partly on a concrete foundation, which completes the paving of the street its entire length. The labor and materials were furnished by contract at the following cost: —

1,320 sq. yds. (gravel foundation) granite block paving . .	$ 633.60
1,767 sq. yds. (concrete foundation) granite block paving .	2,279.43
Amount carried forward .	$2,913.03

Amount brought forward .	$2,913.03	
2,214 lin. ft. of edgestone set and reset	354.24	
243 sq. yds. brick sidewalk relaid	89.91	
79.4 sq. yds. crosswalk laid and relaid (including 10 yds. concrete foundation) . .	49.70	
Extra work, cutting edgestone, flagging, etc.	25.30	
		$3,432.18
73,679 granite blocks delivered .	$3,241.88	
7,080 bricks delivered . .	72.57	
219.8 lin. ft. edgestone delivered	92.32	
22.2 lin. ft. edgestone delivered (circle)	12.43	
714.6 sq. ft. granite flagging delivered	168.23	
		3,587.43
Building catch-basin and changing grade of manholes		81.19
Inspection of work		100.50
Total cost		$7,201.30

TABLE SHOWING THE LOCATION, LENGTH AND WIDTH OF PUBLIC AND PRIVATE STREETS.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Adams	Broadway	Medford st.	Public.	40	900	...
Adrian	Marion st.	Joseph st.	Public.	40	579	...
Albion pl.	Albion st.	Northeasterly	Private.	10	...	168
Albion ct.	Albion st.	Southwesterly	Private.	16	...	116
Albion	Central st.	Cedar st.	Public.	40	2,742	...
Albion	Broadway	Medford line	Private.	50	...	100
Albion terrace	Albion st.	Southwesterly	Private.	25	...	160
Aldersey	Walnut st.	Vinal ave.	Public.	40	508	...
Aldrich	Pearl st.	B. & L. R. R.	Public.	40	611	...
Alfred	Broadway	Medford line	Private.	50	...	50
Allen	Somerville ave.	Charlestown st.	Private.	25	...	680
Allen ct.	Park st.	Northwesterly	Private.	20	...	150
Alpine	Cedar st.	Southeasterly	Private.	30	...	670
Alpine	Alpine st.	Lowell st.	Public.	40	688	...
Alston	Cross st.	Shawmut pl.	Private.	40	...	420
Ames	Bartlett st.	Robinson st.	Public.	40	580	...
Appleton	Willow ave.	Clifton st.	Public.	40	510	...
Appleton	Clifton st.	Liberty ave.	Private.	40	...	120
Arlington	Franklin st.	Lincoln st.	Public.	40	440	...
Arnold ave.	Porter st.	Southeasterly	Private.	15	...	127
Arnold ct.	Beacon st.	Northeasterly	Private.	10	...	115
Arthur ct.	Linden st.	Easterly	Private.	about 10	...	100
Arthur	Broadway	Bonair st.	Public.	40	438	...
Ash ave.	Meacham st.	Northeasterly	Private.	40	...	705
Ashland	Summer st.	Sartwell ave.	Public.	30	478	...
Atherton	Central st.	Beech st.	Private.	40	...	264
Auburn ave.	Cross st.	B. & L. R. R.	Private.	30	...	600
Austin	Broadway	Mystic ave.	Public.	40	680	...
Autumn	Broadway	Bonair st.	Private.	20	...	420
Avon	School st.	Central st.	Public.	40	1,360	...
Avon pl.	Cross st.	B. & L. R. R.	Private.	25	...	150
Ayer ave.	Morrison ave.	Boston ave.	Private.	70	...	1,500
Banks	Elm st.	Summer st.	Public.	40	639	...
Bartlett	Vernon st.	Medford st.	Public.	40	820	...
Bartlett	Medford st.	Broadway.	Private.	40	...	730
Bartlett	Washington st.	Asylum grounds	Private.	20	...	200
Bay State ave.	Broadway	Fosket st.	Private.	40	...	1,197
Beach ave.	Webster ave.	Columbia st.	Private.	about 20	...	200
Beacon pl.	Beacon st.	Northeasterly	Private.	15	...	200
Beacon	Cambridge line	Somerville ave.	Public.	66	6,100	...
Beacon ter.	Somerville ave.	Northeasterly	Private.	24	...	110
Bean's ct.	Cutter st.	Southeasterly	Private.	16	...	100
Bedford	South st.	Cambridge line	Private.	30	...	160
Beech	Somerville ave.	Spring st.	Public.	40	800	...
Bellevue ter.	Albion st.	Northeasterly	Private.	20	...	90
Belmont	Somerville ave.	Highland ave.	Public.	40	2,175	...
Belmont pl.	Belmont st.	Southeasterly	Private.	25	...	175
Benedict ave.	Broadway	Benedict st.	Private.	20	...	200
Benedict	Union st.	Austin st.	Public.	40	600	...
Bennett ct.	Bennett st.	Prospect st.	Private.	10	...	100
Bennett	Prospect st.	Bennett ct.	Private.	40 to 25	...	400
Benton road	Summer st.	Highland ave.	Private.	40	...	924
Benton ave.	Highland ave.	Hudson st.	Public.	40	286	...
Berkeley	School st.	Central st.	Public.	40	1,360	...
Berwick	Lawrence st.	Northwesterly	Private.	20	...	170
Bigelow	Boston st.	High st.	Public.	50	208	...
Billingham	Broadway	William st.	Public.	40	563	...
Bishop's pl.	Glen st.	Easterly	Private.	10	...	75
Blakeley ave.	Winthrop ave.	Cross st.	Private.	40	...	630
Bleachery ct.	Somerville ave.	Fitchburg R. R.	Private.	30	...	450
Bolton	Oak st.	Houghton st.	Private.	40	...	500

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WATER WORKS.

Lines, grades and miscellaneous data have been furnished the Water department when requested; all street mains, hydrants, gates, house services and connections have been accurately located and recorded in the Engineer's department, for future reference.

A number of blow-off connections have been made with the sewerage system for the purpose of emptying, when necessary, both the city's and Metropolitan water mains.

The new high-service reservoir being constructed by the State, in Middlesex Fells, will be completed during the coming year, and this city will be supplied with high-service pressure direct from this reservoir through the Metropolitan mains; this extra pressure can be utilized with benefit to this city in the matter of increased fire protection in the low areas by the construction of a separate system of high-pressure water mains covering the dangerous fire districts.

APPENDED TABLES.

Following are two tables of streets, one showing the location, length and width of public and private streets in the city; the other gives some of the names that present streets were formerly known as, or shown on old plans.

Respectfully submitted,

ERNEST W. BAILEY,

City Engineer.

TABLE SHOWING THE LOCATION, LENGTH AND WIDTH OF PUBLIC AND PRIVATE STREETS.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Adams	Broadway	Medford st.	Public.	40	900	...
Adrian	Marion st.	Joseph st.	Public.	40	579	...
Albion pl.	Albion st.	Northeasterly	Private.	10	...	166
Albion ct.	Albion st.	Southwesterly	Private.	16	...	116
Albion	Central st.	Cedar st.	Public.	40	2,742	...
Albion	Broadway	Medford line	Private.	50	...	100
Albion terrace	Albion st.	Southwesterly	Private.	25	...	100
Aldersey	Walnut st.	Vinal ave.	Public.	40	508	...
Aldrich	Pearl st.	B. & L. R. R.	Public.	40	611	...
Alfred	Broadway	Medford line	Private.	50	...	50
Allen	Somerville ave.	Charlestown st.	Private.	25	...	680
Allen ct.	Park st.	Northwesterly	Private.	20	...	150
Alpine	Cedar st.	Southeasterly	Private.	30	...	670
Alpine	Alpine st.	Lowell st.	Public.	40	688	...
Alston	Cross st.	Shawmut pl.	Private.	40	...	420
Ames	Bartlett st.	Robinson st.	Public.	40	580	...
Appleton	Willow ave.	Clifton st.	Public.	40	510	...
Appleton	Clifton st.	Liberty ave.	Private.	40	...	120
Arlington	Franklin st.	Lincoln st.	Public.	40	440	...
Arnold ave.	Porter st.	Southeasterly	Private.	15	...	127
Arnold ct.	Beacon st.	Northeasterly	Private.	10	...	115
Arthur ct.	Linden st.	Easterly	Private.	about 10	...	100
Arthur	Broadway	Bonair st.	Public.	40	438	...
Ash ave.	Meacham st.	Northeasterly	Private.	40	...	705
Ashland	Summer st.	Sartwell ave.	Public.	30	478	...
Atherton	Central st.	Beech st.	Private.	40	...	264
Auburn ave.	Cross st.	B. & L. R. R.	Private.	30	...	600
Austin	Broadway	Mystic ave.	Public.	40	680	...
Autumn	Broadway	Bonair st.	Private.	20	...	420
Avon	School st.	Central st.	Public.	40	1,360	...
Avon pl.	Cross st.	B. & L. R. R.	Private.	25	...	150
Ayer ave.	Morrison ave.	Boston ave.	Private.	70	...	1,500
Banks	Elm st.	Summer st.	Public.	40	639	...
Bartlett	Vernon st.	Medford st.	Public.	40	820	...
Bartlett	Medford st.	Broadway	Private.	40	...	730
Bartlett	Washington st.	Asylum grounds	Private.	20	...	200
Bay State ave.	Broadway	Foskett st.	Private.	40	...	1,197
Beach ave.	Webster ave.	Columbia st.	Private.	about 20	...	200
Beacon pl.	Beacon st.	Northeasterly	Private.	15	...	200
Beacon	Cambridge line	Somerville ave.	Public.	66	6,100	...
Beacon ter.	Somerville ave.	Northeasterly	Private.	24	...	110
Bean's ct.	Cutter st.	Southeasterly	Private.	16	...	100
Bedford	South st.	Cambridge line	Private.	30	...	160
Beech	Somerville ave.	Spring st.	Public.	40	800	...
Bellevue ter.	Albion st.	Northeasterly	Private.	20	...	90
Belmont	Somerville ave.	Highland ave.	Public.	40	2,175	...
Belmont pl.	Belmont st.	Southeasterly	Private.	25	...	175
Benedict ave.	Broadway	Benedict st.	Private.	20	...	200
Benedict	Union st.	Austin st.	Public.	40	600	...
Bennett ct.	Bennett st.	Prospect st.	Private.	10	...	100
Bennett	Prospect st.	Bennett ct.	Private.	40 to 25	...	400
Benton road	Summer st.	Highland ave.	Private.	40	...	924
Benton ave.	Highland ave.	Hudson st.	Public.	40	286	...
Berkeley	School st.	Central st.	Public.	40	1,360	...
Berwick	Lawrence st.	Northwesterly	Private.	20	...	170
Bigelow	Boston st.	High st.	Public.	50	208	...
Billingham	Broadway	William st.	Public.	40	563	...
Bishop's pl.	Glen st.	Easterly	Private.	10	...	75
Blakeley ave.	Winthrop ave.	Cross st.	Private.	40	...	630
Bleachery ct.	Somerville ave.	Fitchburg R. R.	Private.	30	...	450
Bolton	Oak st.	Houghton st.	Private.	40	...	500

TABLE SHOWING THE LOCATION, LENGTH AND WIDTH OF PUBLIC AND PRIVATE STREETS. — *Continued.*

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Bonair	Cross st.	Walnut st.	Public.	40	1,470	...
Bond	Broadway	Jaques st.	Public.	40	640	...
Bonner ave.	Washington st.	Columbus ave.	Public.	40	450	...
Boston ave.	Medford line	Mystic river	Public.	60	910	...
Boston ave.	Broadway	Medford line	Public.	50	80	...
Boston ave.	Cedar st.	Broadway	Private.	50	...	1,120
Boston	Washington st.	Prospect Hill ave.	Public.	45	630	...
Boston	Prospect Hill av.	Walnut st.	Public.	40	1,250	...
Bow	Union sq.	Wesley sq.	Public.	60	600	...
Bow	Wesley pk.	Somerville ave.	Public.	50	500	...
Bowdoin	Washington st.	Southerly	Private.	40	...	370
Bowers ave.	Cottage ave.	Elm st.	Private.	24	...	288
Bow St. pl.	Bow st.	Northwesterly	Private.	40	...	300
Bradford ave.	School st.	Southeasterly	Private.	40	...	150
Bradley	Pearl st.	Walter st.	Public.	40	762	...
Brastow ave.	Lowell st.	Porter st.	Public.	40	686	...
Bristol road	Broadway	Medford line	Private.	40	...	98
Broadway	Charlestown line	Cross st.	Public.	100	2,590	...
Broadway	Cross st.	Marshall st.	Public.	100 to 200	2,060	...
Broadway	Marshall st.	Main st.	Public.	100	1,570	...
Broadway	Main st.	Top of hill	Public.	100 to 90	1,030	...
Broadway	Top of hill	Albion st.	Public.	90	2,540	...
Broadway	Albion st.	Willow ave.	Public.	90 to 70	1,030	...
Broadway	Willow ave.	Paulina st.	Public.	70	3,250	...
Broadway	Paulina st.	Arlington line	Public.	65	3,220	...
Broadway pl.	Broadway	Southwesterly	Private.	22	...	250
Bromfield road	Elm st.	Professors' row	Private.	40	...	1,260
Brook	Glen st.	Cross st.	Public.	40	500	...
Brook	Dover st.	Northerly	Private.	40	...	200
Browning road	Sycamore st.	Central st.	Public.	40	679	...
Buckingham	Beacon st.	Dimick st.	Public.	40	300	...
Burnside ave.	Elm st.	Summer st.	Public.	40	720	...
Caldwell pl.	Washington st.	Southerly	Private.	20	...	210
Calvin	Beacon st.	Dimick st.	Private.	40	...	250
Calvin	Dimick st.	Washington st.	Private.	30	...	395
Cambria	Central st.	Benton ave.	Public.	40	488	...
Cameron ave.	Holland st.	Cambridge line	Public.	60	1,000	...
Campbell pk.	Meacham st.	Kingston st.	Public.	40	399	...
Campbell Pk. pl.	Kingston st.	Arlington Br.R.R.	Private.	20	...	84
Carlton	Somerville ave.	Lake st.	Public.	40	300	...
Carver	Porter st.	Northwesterly	Private.	40	...	156
Cedar ave.	Cedar st.	Linden ave.	Private.	22	...	290
Cedar St. pl.	Murdock st.	Southwesterly	Private.	20	...	220
Cedar St. pl.	Cedar n'r Elm st.	Southeasterly	Private.	12+	...	80+
Cedar	Elm st.	Broadway	Public.	40	4,150	...
Central	Somerville ave.	Summer st.	Public.	33	1,150	...
Central	Summer st.	Medford st.	Public.	40	2,480	...
Central	Medford st.	Broadway	Public.	45	1,070	...
Centre	Albion st.	B. & L. R. R.	Private.	35	...	200
Chandler	Park ave.	Broadway	Public.	40	1,232	...
Chapel	Elm st.	Chandler st.	Public.	40	273	...
Chapel ct.	Sycamore st.	Northwesterly	Private.	12	...	130
Charles	Washington st.	Asylum grounds	Private.	30	...	200
Charlestown	Allen st.	Easterly	Private.	15	...	400
Charnwood road	Willow ave.	Gordonia road	Public.	40	589	...
Chauncey ave.	Broadway	Mystic ave.	Public.	50	1,320	...
*Chelsea	Mystic ave.	Melrose st.	Private.	50	...	1,390
Cherry	Elm st.	Highland ave.	Public.	45	1,450	...
Chester	Elm st.	Cambridge line	Public.	40	850	...
Chester ave.	Medford st.	Angle	Public.	about 22	220	...
Chester ave.	Angle	Cross st.	Private.	20	...	445
Chester pl.	Chester st.	Northwesterly	Private.	40	...	200
Chestnut	Poplar st.	Southeasterly	Private.	40	...	540

*Proposed.

TABLE SHOWING THE LOCATION, LENGTH AND WIDTH OF PUBLIC AND PRIVATE STREETS.— *Continued.*

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Church	Summer st. . .	Somerville ave. .	Public.	40	560	. . .
Church (south) .	Somerville ave.	Lake st.	Public.	40	340	. . .
Church St. pl. .	Church st. (s'th)	Northwesterly .	Private.	25	. . .	170
Claremon . . .	Holland st. . .	Mead st. . . .	Public.	40	560	. . .
Clarendon ave. .	Broadway . .	Cambridge line .	Private.	40	. . .	1,210
Clark	Newton st. . .	Northwesterly .	Private.	35	. . .	450
Cleveland . . .	Central st. . .	Elm place . . .	Private.	40	. . .	270
Clifton	Appleton st. .	Morrison st. . .	Public.	40	240	. . .
Clifton	Morrison st. .	Arlington Br.R.R.	Private.	40	. . .	220
Clyde	Cedar st. . . .	Murdock st. . .	Private.	30	. . .	600
College ave. . .	Broadway . .	Medford line . .	Public.	50	1,700	. . .
Columbia . . .	Glass House ct.	Cambridge line .	Private.	40	. . .	550
Columbia ct. . .	Columbia st. .	Webster ave. . .	Private.	9	. . .	150
Columbus ave. .	Land of Clark .	Walnut st. . . .	Public.	40	1,000	. . .
Columbus ct. .	Washington st.	Northerly . . .	Private.	30	. . .	100
Concord ave. . .	Prospect st. . .	Leon st.	Public.	40	1,500	. . .
Concord ave. . .	Leon st. . . .	Beacon st. . . .	Private.	30	. . .	470
Congress pl. . .	Linwood st. .	Southwesterly .	Private.	16	. . .	200
Conlon ct. . . .	Columbia st. .	Easterly . . .	Private.	20	. . .	200
Conwell ave. . .	Curtis st. . . .	Westerly . . .	Private.	40	. . .	600
Conwell . . .	Highland ave. .	Southwesterly .	Private.	35	. . .	360
Cook	Marion st. . .	So. Wyatt st. . .	Public.	40	268	. . .
Cook	So. Wyatt st. .	Northwesterly .	Private.	40	. . .	182
Cooney	Beacon st. . .	Line st.	Private.	26	. . .	220
Cottage ave. . .	Russell st. . .	Chester st. . . .	Public.	40	500	. . .
Cottage circle .	Cottage ave. .	Southwesterly .	Private.	25	. . .	87
Cottage pl. . .	Washington st.	Northwesterly .	Private.	about 11	. . .	150
Craigie	Somerville ave.	Summer st. . .	Public.	50	1,250	. . .
Crescent . . .	Washington st.	Pearl st. . . .	Private.	30 to 38	. . .	650
Crocker . . .	Highland ave. .	Crown st. . . .	Public.	40	528	. . .
Cross	Medford St. .	Broadway . . .	Public.	45	2,660	. . .
Cross	Broadway . .	Mystic ave. . .	Public.	40	1,100	. . .
Cross St. pl. . .	Cross St. . . .	Northwesterly .	Private.	24	. . .	150
Crown	Porter st. . .	Lowell st. . . .	Private.	30	. . .	700
Curtis	Broadway . .	Medford line . .	Public.	40	2,300	. . .
Cutler	Lawrence st. .	Northwesterly .	Private.	20	. . .	170
Cutter	Broadway . .	Webster st. . .	Public.	40	740	. . .
Cutter ave. . .	Summer st. . .	Highland ave. .	Public.	40	430	. . .
Cypress . . .	Central st. . .	Beech st. . . .	Public.	40	262	. . .
Dana	Bonair st. . .	Pearl st. . . .	Public.	40	690	. . .
Dane	Somerville ave.	Washington st. .	Public.	40	1,270	. . .
Dane ave. . . .	Dane st. . . .	Easterly . . .	Private.	30	. . .	600
Dartmouth . .	Medford st. . .	Broadway . . .	Public.	40	1,450	. . .
Day	Elm st. . . .	Cambridge line .	Public.	40	940	. . .
*Dean ave. . .	Morrison ave. .	Boston ave. . .	Private.	40	. . .	1,145
Delaware . . .	Aldrich st. . .	Pearl st. . . .	Public.	40	451	. . .
Dell	Glen st. . . .	Tufts st. . . .	Public.	40	466	. . .
Derby	Temple st. . .	Grant st. . . .	Public.	40	881	. . .
Derby	Grant st. . . .	Wheatland st. .	Private.	40	. . .	200
Dexter	Broadway . .	Medford line . .	Private.	50	. . .	25
Dickinson . .	Springfield st. .	Beacon st. . . .	Public.	40	770	. . .
Dickson . . .	Broadway . .	Fairmount ave. .	Private.	40	. . .	271
Dimick . . .	Concord ave. .	Calvin st. . . .	Private.	40	. . .	860
Distillhouse . .	South st. . .	Cambridge line .	Private.	35	. . .	150
Dix pl.	Linwood st. .	Southwesterly .	Private.	10	. . .	100
Dover	Elm st. . . .	Cambridge line .	Public.	40	940	. . .
Dow	North st. . .	Easterly . . .	Private.	40	. . .	645
Downer pl. . .	Downer st. . .	B. & L. R. R. .	Private.	20	. . .	125
Downer . . .	Nashua st. . .	Southeasterly . .	Private.	20	. . .	120
Dresden circle .	Cutter ave. . .	Westerly . . .	Private.	30	. . .	133
Durham . . .	Beacon st. . .	Hanson st. . . .	Private.	40	. . .	450
Earle . . .	South st. . .	Fitchburg R. R. .	Private.	30	. . .	322

*Proposed.

TABLE SHOWING THE LOCATION, LENGTH AND WIDTH OF PUBLIC AND PRIVATE STREETS. — *Continued.*

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
East Albion	Mt. Vernon ave.	E. of Moreland st.	Private.	25	...	188
East Albion	E. of Morelandst.	Medford line	Private.	40	...	490
Eastman pl.	Highland ave.	Southwesterly	Private.	40	...	300
*Edgeworth	Mystic ave.	Melrose st.	Private.	50	...	1,380
Edmands	Broadway	Southwesterly	Private.	40	...	525
Edmonton ave.	Cross st.	Winthrop ave.	Private.	40	...	630
Electric ave.	Curtis st.	Packard ave.	Public.	40	681	...
Eliot	Vine st.	Park st.	Public.	40	260	...
Ellington road	Highland ave.	Northeasterly	Private.	35	...	120
Ellington road	West st.	Northwesterly	Private.	30	...	405
Ellsworth	Cross st.	Rush st.	Public.	40	210	...
Elm ct.	Villa ave.	Northwesterly	Private.	18	...	70
Elm pl.	Harvard st.	East'ly & west'ly	Private.	30	...	400
Elm	Somerville ave.	Cherry st.	Public.	63	1,500	...
Elm	Cherry st.	White st.	Public.	63 to 60	330	...
Elm	White st.	Banks st.	Public.	60	660	...
Elm	Banks st.	Beech st.	Public.	60 to 77.5	290	...
Elm	Beech st.	Tenney st.	Public.	77.5 to 60	570	...
Elm	Tenney st.	Medford line	Public.	60	4,300	...
Elmwood	Holland st.	Cambridge line	Private.	40	...	970
Elmwood ter.	Elmwood st.	Easterly	Private.	20	...	190
Elston	Elm st.	Summer st.	Public.	40	396	...
Emerson	Everett st.	Newton st.	Private.	30	...	170
Emery	Fitchburg R.R.	South st.	Private.	30	...	335
Endicott ave.	Broadway	Southwesterly	Private.	40	...	800
Essex	Medford st.	Richdale ave.	Public.	40	232	...
Eustis	Beacon st.	Southwest	Private.	30	...	150
Everett	Webster ave.	Newton st.	Private.	30	...	350
Everett ave.	Cross st.	Dana st.	Public.	40	800	...
Evergreen ave.	Marshall st.	Sycamore st.	Public.	40	1,320	...
Evergreen sq.	Porter st.	Southeasterly	Private.	8	...	200
Fairlee	Cherry st.	Northwesterly	Private.	30	...	150
Fairmount ave.	Curtis st.	Northwesterly	Private.	40	...	700
Fairview ter.	Sycamore st.	Southwesterly	Private.	15	...	173
Fanning ave.	Highland ave.	Lexington ave.	Public.	50	376	...
Farragut ave.	Broadway	Southwesterly	Private.	40	...	840
Fenwick	Broadway	Heath st.	Public.	40	340	...
Fisk ave.	Hinckley st.	Lowell st.	Private.	20 & 25	...	460
Fitchburg ct.	Fitchburg st.	Southeasterly	Private.	10	...	225
Fitchburg	Linwood st.	B. & L. R. R.	Private.	40	...	400
Flint ave.	Flint st.	Northerly	Private.	40	...	200
Flint	Franklin st.	Aldrich st.	Public.	40	1,773	...
Florence	Washington st.	Perkins st.	Public.	40	1,280	...
Florence ter.	Jaques st.	Southwesterly	Private.	20	...	90
Forest	Beacon st.	Cambridge line	Public.	40	150	...
Forster	Sycamore st.	Central st.	Private.	30	...	430
Fosket	Willow ave.	Liberty ave.	Private.	40	...	670
Fountain ave.	Cross st.	Glen st.	Private.	30	...	550
Francesca ave.	Elm st.	Liberty ave.	Public.	40	762	...
Francis	Porter st.	Conwell st.	Private.	30	...	180
Franklin ave.	Washington st.	Franklin st.	Private.	20	...	500
Franklin ct.	Somerville ave.	B. & L. R. R.	Private.	...	...	200
Franklin pl.	Franklin st.	Southeasterly	Private.	15	...	100
Franklin	Broadway	Washington st.	Public.	40+	2,230	...
*Frederick ave.	Willow ave.	Cedar st.	Private.	45	...	1,360
Fremont ave.	Parker st.	Eastl'y & Westl'y	Private.	30	...	235
Fremont	Main st.	Near Mystic ave.	Private.	40	...	1,397
Frost ave.	Somerville ave.	Dane st.	Private.	35	...	550
Garden ct.	Somerville ave.	Fitchburg R. R.	Private.	25	...	370
Garfield ave.	Broadway	Middlesex ave.	Private.	40	...	1,430
Garrison ave.	Broadway	Southwesterly	Private.	40	...	850
George	Broadway	Lincoln ave.	Private.	30	...	350

* Proposed.

TABLE SHOWING THE LOCATION, LENGTH AND WIDTH OF PUBLIC AND PRIVATE STREETS.— *Continued.*

Street.	From	To	Public or Private	Width in Feet.	Length.	
					Public.	Private.
Gibbens	Central st.	Benton ave.	Public.	40	492	...
Giles pl.	Walnut st.	Northwesterly	Private.	32.71	...	168
Gill's ct.	Franklin st.	Westerly	Private.	10	...	100
Gilman	Cross st.	Walnut st.	Public.	40	1,430	...
Gilman ter.	Pearl st.	Northeasterly	Private.	40	...	360
Gilson ter.	Linden ave.	Northwesterly	Private.	20	...	124
Glass House ct.	Webster ave.	Easterly	Private.	40	...	200
Glen	Broadway	Tufts st.	Public.	40	2,300	...
Glendale ave.	Cameron ave.	Yorktown st.	Private.	40	...	410
Glover circle	Meacham st.	Southeasterly	Private.	20	...	110
Gordonia road	Summer st.	Highland ave.	Private.	40	...	521
Gorham	Holland st.	Howard st.	Public.	40	763	...
Gould ave.	Porter st.	Southeasterly	Private.	16	...	156
Grand View ave.	Walnut st.	Vinal ave.	Public.	40	470	...
Granite	Somerville ave.	Osgood st.	Private.	40	...	400
Grant	Broadway	Jaques st.	Public.	40	536	...
Grant	Jaques st.	Mystic ave.	Private.	40	...	814
Greene	Summer st.	Laurel st.	Public.	40	555	...
Greenville	Medford st.	High st.	Public.	40	660	...
Greenwood ter.	Beacon st.	Northeasterly	Private.	25	...	165
Grove	Elm st.	Morrison st.	Public.	40	985	...
Hadley ct	Franklin st.	Westerly	Private.	20	...	150
Hall ave.	Elm st.	Liberty ave.	Public.	40	926	...
Hall	Cedar st.	Cherry st.	Private.	30	...	350
Hamlet	Highland ave.	Southwesterly	Private.	30	...	400
Hammond	Dickinson st.	Concord ave.	Private.	40	...	273
Hancock	Elm st.	Summer st.	Public.	40	781	...
Hanson ave.	Hanson st.	Easterly	Private.	30	...	252
Hanson	Washington st.	Vine st.	Private.	35	...	750
Harding	South st.	Cambridge line	Private.	30	...	115
Harris	Beacon st.	Cambridge line	Private.	35	...	150
Harrison	Ivaloo st.	Kent st.	Public.	40	644	...
Harrison	Elmwood st.	Southeasterly	Private.	40	...	210
Harvard pl.	Harvard st.	Westerly	Private.	35	...	200
Harvard	Summer st.	Beech st.	Public.	40	650	...
Hathorn	Broadway	Arlington st.	Public.	40	330	...
Hawkins	Somerville ave.	Washington st.	Public.	40	340	...
Hawthorne	Willow ave.	Cutter ave.	Private.	30	...	810
Hayden ter.	Linden ave.	Easterly	Private.	20	...	120
Heath	Temple st.	Bond st.	Public.	45	1,043	...
Heath	Bond st.	Moreland st.	Private.	45	...	750
Henderson	Richardson st.	B. & L. R. R.	Private.	20	...	535
Hennessey ct.	Medford st.	Fisk ave.	Private.	20	...	250
Henry ave.	Highland ave.	Lexington ave.	Private.	40	...	290
Herbert	Chester st.	Day st.	Public.	40	360	...
Hersey	Berkeley st.	Oxford st.	Private.	40	...	230
Highland ave.	Medford st.	Davis sq.	Public.	60	9,100	...
Hill	Broadway	Fairmount ave.	Private.	40	...	286
Hillside ave.	Pearl st.	Southwesterly	Private.	30	...	150
Hillside pk.	Walnut st.	Northwesterly	Private.	40	...	245
Hinckley	Broadway	Lawrence st.	Private.	30	...	430
Hodgdon pl.	Dane ct.	Northeasterly	Private.	about 20	...	150
Holland	Davis sq.	Broadway	Public.	60	2,650	...
Holt's ave	Oak st.	Southeasterly	Private.	10	...	100
Homer sq.	Bonner ave.	Northwesterly	Private.	30+	...	200
Horace	South st.	Fitchburg R. R.	Private.	30	...	510
Houghton	Oak st.	Springfield st.	Public.	40	204	...
Houghton	Springfield st.	Prospect st.	Private.	40	...	546
Howard	Thorndike st.	Gorham st.	Private.	40	...	430
Howard	Whipple st.	Willow ave.	Private.	30	...	255
Howe	Marshall st.	School st.	Public.	40	445	...
Hudson	Central st.	Cedar st.	Public.	40	2,760	...
Hunting	South st.	Cambridge line	Private.	30	...	125

TABLE SHOWING THE LOCATION, LENGTH AND WIDTH OF PUBLIC AND PRIVATE STREETS. — *Continued.*

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Ibbetson . . .	Somerville ave.	Lowell st. . . .	Public.	40	802	. . .
Irving	Holland st. . .	Broadway . . .	Public.	40	1,180	. . .
Ivaloo	Beacon st. . .	Park st.	Public.	40	650	. . .
Jackson	Medford st. . .	Maple st. . . .	Private.	30	. . .	150
James	Pearl st. . . .	Veazie st. . . .	Public.	40	320	. . .
Jaques	Chauncey ave. .	Temple st. . . .	Public.	40	1,200	. . .
Jaques	Temple st. . .	Bond st.	Public.	45	1,050	. . .
Jasper pl. . . .	Jasper st. . .	Walnut st. . . .	Private.	20	. . .	225
Jasper	Pearl st. . . .	Gilman st. . . .	Private.	40	. . .	300
Jay	Holland st. . .	Howard st. . . .	Public.	40	534	. . .
Jenny Lind ave. .	Vernon st. . .	Broadway . . .	Public.	40	1,507	. . .
Jerome ct. . . .	Sycamore st. .	Jerome st. . . .	Private.	10	. . .	150
Jerome	Montrose st. .	Jerome ct. . . .	Private.	20	. . .	125
Joseph	Newton st. . .	Northwesterly .	Public.	40	385	. . .
Josephine ave. .	Morrison ave. .	Broadway . . .	Private.	45	. . .	1,715
Joy	Washington st.	Poplar st. . . .	Public.	30	1,121	. . .
Joy St. pl. . . .	Joy st.	Southwesterly . .	Private.	30	. . .	175
Kensington ave.	Broadway . .	Blakeley ave. . .	Private.	40	. . .	440
Kent ct.	Kent st. . . .	Northerly . . .	Private.	about 25	. . .	420
Kent	Somerville ave.	Fitchburg R. R. .	Public.	40	292	. . .
Kent	Fitchburg R.R.	Beacon st. . . .	Public.	25	386	. . .
Kenwood . . .	Elm st. . . .	Billingham st. .	Public.	40	322	. . .
Kidder ave. . .	Elm st. . . .	Liberty ave. . .	Public.	40	625	. . .
Kidder ave. . .	Liberty ave. .	Willow ave. . .	Private.	40	. . .	655
Kilby	Somerville ave.	Southwesterly . .	Private.	20	. . .	180
Kimball . . .	Lowell st. . .	Craigie st. . . .	Private.	40	. . .	303
Kingman ct. . .	Washington st.	Fitchburg R. R. .	Private.	25	. . .	400
Kingston . . .	Meacham st. .	Cambridge line .	Public.	40	647	. . .
Knapp	School st. . .	Granite st. . . .	Public.	40	379	. . .
Knowlton . . .	Oliver st. . .	Tufts st.	Private.	40	. . .	925
Lake	Hawkins st. .	Church st. . . .	Public.	40	860	. . .
Lamson ct. . .	Linwood st. .	Poplar st. . . .	Private.	20	. . .	370
Landers . . .	School st. . .	Westerly . . .	Private.	40	. . .	280
Laurel ave. . .	Laurel st. . .	Northwesterly .	Private.	18	. . .	125
Laurel	Somerville ave.	Summer st. . . .	Public.	40	940	. . .
Lawrence . . .	Hinckley st. .	B. & L. R. R. . .	Private.	35	. . .	650
Lawrence . . .	Boston ave. . .	Southwesterly . .	Private.	35	. . .	710
Lawson ter. . .	Putnam st. . .	Easterly	Private.	5	. . .	200
Lee	Medford st. . .	Richdale ave. . .	Public.	40	385	. . .
Leland	Washington st.	Northeasterly . .	Private.	40	. . .	250
Leon	Concord ave. .	Dickinson st. . .	Public.	40	155	. . .
Leonard pl. . .	Joy st.	Northeasterly . .	Private.	13+	. . .	98
Lesley ave. . .	Highland ave. .	Lexington ave. .	Private.	40	. . .	333
Leslie pl. . . .	Highland ave. .	Northerly . . .	Private.	12	. . .	75
Lester ter. . . .	Meacham st. .	Northwesterly .	Private.	20	. . .	190
Lexington ave. .	Willow ave. .	Cedar st.	Private.	50	. . .	1,360
Liberty ave. . .	Appleton st. .	Broadway . . .	Private.	40	. . .	1,495
Lincoln ave. . .	Lincoln st. . .	Mt. Vernon st. .	Private.	40	. . .	450
Lincoln pl. . .	Lincoln ave. .	Northerly . . .	Private.	9	. . .	120
Lincoln	Broadway . .	Perkins st. . . .	Public.	40	550	. . .
Linden ave. . .	Elm st. . . .	Summer st. . . .	Public.	45	1,050	. . .
Linden ave. . .	Summer st. . .	Northeasterly . .	Private.	45	. . .	250
Linden circle .	Linden ave. . .	Southeasterly . .	Private.	24	. . .	120
Linden pl. . . .	Linden ave. . .	Northwesterly .	Private.	20	. . .	160
Linden	Somerville ave.	Fitchburg R. R. .	Private.	30	. . .	705
Line	Washington st.	Cambridge line .	Private.	33	. . .	1,750
Linehan ct. . .	Linwood st. . .	Chestnut st. . .	Private.	about 15	. . .	200
Linwood pl. . .	Linwood st. . .	Southwesterly .	Private.	about 12	. . .	150
Linwood . . .	Somerville ave.	Washington st .	Public.	50	2,050	. . .
London	Linwood st. . .	B. & L. R. R. . .	Private.	40	. . .	340
Loring	Somerville ave.	Northeasterly . .	Private.	40	. . .	400

TABLE SHOWING THE LOCATION, LENGTH AND WIDTH OF PUBLIC AND PRIVATE STREETS. — *Continued.*

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Louisburg pl.	Autumn st.	Easterly	Private.	13	. . .	90
Lovell	Broadway	Electric ave.	Private.	40	. . .	385
Lowden ave.	Broadway	Fosket st.	Private.	40	. . .	1,205
Lowell	Somerville ave.	Crown st.	Private.	33+	. . .	1,608
Lowell	Crown st.	Albion st.	Public.	40	972	. . .
Lowell	Albion st.	L. & A. Br'ch R.R.	Private.	40	. . .	540
Lowell	B. & L. R. R.	Vernon st.	Private.	33+	. . .	60
Lowell	Vernon st.	Medford st.	Public.	40	1,141	. . .
Lowell ter.	Lowell st.	Northwesterly	Private.	20	. . .	150
Madison	School st.	Sycamore st.	Public.	40	891	. . .
Main	Broadway	Medford line	Public.	50	950	. . .
*Malden	Mystic ave.	Melrose st.	Private.	50	. . .	1,360
Mallet	Willow ave.	Liberty ave.	Private.	40	. . .	580
Malloy ct.	Somerville ave.	Merriam st.	Private.	30	. . .	255
Malvern ave.	Cameron ave.	Yorktown st.	Private.	40	. . .	410
Mansfield	Somerville ave.	Washington st.	Private.	40	. . .	730
Maple ave.	School st.	Southeasterly	Private.	40	. . .	300
Maple pl.	Marshall st.	Maple ave.	Private.	5	. . .	125
Maple	Poplar st.	Jackson st.	Private.	30	. . .	470
Marion	Concord ave.	Adrian st.	Public.	40	261	. . .
Marshall	Broadway	Pearl st.	Public.	40	1,650	. . .
Mason ave.	Orchard st.	Cambridge line	Private.	35	. . .	220
May pl.	Hawkins st.	Easterly	Private.	12	. . .	100
McCulphe pl.	Medford st.	Easterly	Private.	10	. . .	110
McGregor pl.	Wigglesworth st	Walnut st.	Private.	about 10	. . .	250
Meacham	Arlington B R R	Cambridge line	Public.	40	658	. . .
Meacham	Mt. Vernon ave.	Medford line	Private.	40	. . .	800
Mead	Cameron ave.	Moore st.	Private.	40	. . .	340
Medford	Cambridge line	Central st.	Public.	50	8,150	. . .
Medford	Central st.	Broadway	Public.	55	1,950	. . .
Melburn pl.	Summer st.	Northeasterly	Private.	30	. . .	125
Melledew ct.	Belmont st.	Easterly	Private.	15	. . .	137
Melrose	Mystic ave.	Middlesex ave.	Private.	50	. . .	2,310
Melvin	Broadway	Bonair st.	Private.	40	. . .	487
Merriam ave.	Merriam st.	Malloy ct.	Private.	15	. . .	255
Merriam	Somerville ave.	Charlestown st.	Private.	30	. . .	500
Middlesex ave.	Mystic ave.	Medford line	Public.	60	3,400	. . .
Milk pl.	Somerville ave.	Southwesterly	Private.	about 30	. . .	100
Miller	Sacramento st.	Northwesterly	Private.	33	. . .	350
Miner	Vernon st.	Ames st.	Public.	40	244	. . .
Mondamin ct.	Ivaloo st.	Harrison st.	Private.	25	. . .	250
Monmouth	End of above.	Harvard st.	Private.	35	. . .	200
Monmouth	Central st.	Westerly	Public.	40	267	. . .
Montgomery ave	Broadway	Wellington ave.	Public.	40	265	. . .
Montrose ct.	Montrose st.	B. & L. R. R.	Private.	12	. . .	110
Montrose	School st.	Sycamore st.	Public.	40	886	. . .
Moore	Holland st.	Mead st.	Public.	40	695	. . .
Moreland	Main st.	Mystic ave.	Private.	40	. . .	1,513
Morgan	Beacon st.	Park st.	Public.	40	350	. . .
Morrison ave.	Willow ave.	Cedar st.	Private.	50	. . .	1,366
Morrison pl.	Morrison st.	Northerly	Private.	20	. . .	190
Morrison pl.	Morrison pl.	Easterly	Private.	15	. . .	175
Morrison	Willow ave.	Elm st.	Public.	40	1,700	. . .
Mortimer pl.	Marshall st.	Southeasterly	Private.	20	. . .	225
Morton	Glen st.	Knowlton st.	Public.	40	287	. . .
Mossland	Somerville ave.	Elm st.	Public.	40	350	. . .
Mountain ave.	Linden ave.	Porter st.	Private.	22	. . .	310
Mousal pl.	North Union st.	B. & M. R. R.	Private.	20	. . .	200
Mt. Pleasant ave.	Curtis st.	Northwesterly	Private.	40	. . .	700
Mt. Pleasant ct.	Perkins st.	Southwesterly	Private.	40	. . .	260
Mt. Pleasant	Broadway	Perkins st.	Public.	33	570	. . .
Mt. Vernon ave.	Main st.	Meacham st.	Private.	50	. . .	800
Mt. Vernon	Washington st.	Pearl st.	Public.	40	600	. . .

*Proposed.

TABLE SHOWING THE LOCATION, LENGTH AND WIDTH OF PUBLIC AND PRIVATE STREETS.—*Continued.*

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Mt. Vernon	Pearl st.	Perkins st.	Public.	50	450	...
Mt. Vernon	Perkins st.	Broadway	Public.	40	600	...
Munroe	Walnut st.	Easterly	Public.	40	375	...
Munroe	End of above	Boston st.	Private.	50	...	1,100
Murdock	Cedar st.	Clyde st.	Private.	30	...	900
Murray	Washington st.	Southerly	Private.	30	...	250
Museum	Beacon st.	Cambridge line	Private.	40	...	170
Myrtle ct.	Myrtle st.	Easterly	Private.	10	...	100
Myrtle	Washington st.	Perkins st.	Public.	40	1,400	...
Mystic ave.	Charlestown line	Union st.	Public.	60	350	...
Mystic ave.	Union st.	Medford line	Public.	66	6,900	...
Mystic	Washington st.	Somerville ave.	Public.	40	360	...
Mystic	Benedict st.	Mystic ave.	Private.	40	...	330
Nashua	Richardson st.	B. & L. R. R.	Private.	35	...	640
Nevada ave.	Village st.	Hanson st.	Private.	20	...	200
Newberne	Appleton st.	Morrison st.	Public.	40	200	...
Newbury	Holland st.	Cambridge line	Public.	40	1,250	...
Newman pl.	Cedar st.	Southeasterly	Private.	10+	...	100
Newton pl.	Newton st.	Easterly	Private.	about 10	...	100
Newton	Prospect	Webster ave.	Public.	25	470	...
Newton	Webster ave.	Concord ave.	Public.	40+	650	...
Norfolk	Webster ave.	Cambridge line	Public.	40	200	...
North	Broadway	Medford line	Public.	40	2,550	...
North Union	Mystic ave.	Northeasterly	Private.	30	...	600
Norton	Nashua st.	Southeasterly	Private.	20	...	200
Norwood ave.	Broadway	Medford st.	Public.	40	350	...
Oak	Prospect st.	Angle	Public.	40	670	...
Oak	Angle	Cambridge line	Private.	30	...	530
Oak St. pl.	Oak st.	Northerly	Private.	4	...	85
Oakland ave.	Marshall st.	School st.	Public.	40	440	...
Olive ave.	Linden ave.	Southeasterly	Private.	25	...	155
Olive sq.	Lake st.	Southerly	Private.	about 15	...	100
Oliver	Franklin st.	Cross st.	Public.	40	1,050	...
Orchard	Cambridge line	Meacham st.	Public.	40	1,625	...
Osgood	Granite st.	East'ly & west'ly	Private.	40	...	450
Otis	Cross st.	Wigglesworth st.	Public.	40	1,200	...
Oxford	School st.	Central st.	Private.	30+	...	1,330
Oxford	Beacon st.	Cambridge line	Public.	50	100	...
Packard ave.	Broadway	Medford line	Private.	60	...	2,000
Palmer ave.	Franklin st.	Northwesterly	Private.	20	...	200
Park ave.	Elm st.	Wallace st.	Public.	40	450	...
Park pl.	Laurel st.	Easterly	Private.	30	...	220
Park pl.	Park pl.	Northeasterly	Private.	20	...	150
Park	Somerville ave.	Beacon st.	Public.	50	1,300	...
Parker pl.	Porter st.	Northwesterly	Private.	20	...	150
Parker	Washington st.	Fremont ave.	Private.	35	...	200
Partridge ave.	Vernon st.	Broadway	Public.	40	1,457	...
Patten ct.	Cutter st.	Southeasterly	Private.	8	...	100
Paulina	Broadway	Holland st.	Private.	40	...	775
Pearl	Crescent st.	Mt. Vernon st.	Public.	40	300	...
Pearl	Mt. Vernon st.	Franklin st.	Public.	50	950	...
Pearl	Franklin st.	Cross st.	Public.	40	1,025	...
Pearl	Cross st.	Medford st.	Public.	50	2,475	...
Pearl St. pl.	Pearl st.	Northeasterly	Private.	20	...	200
Pearl ter.	Pearl st.	Northerly	Private.	23	...	161
*Pearson ave.	Morrison ave.	Boston ave.	Private.	45	...	1,300
Pearson road	Broadway.	Professors' row	Private.	40	...	1,654
Pembroke ct.	Pembroke st.	Southwesterly	Private.	25	...	130
Pembroke	Central st.	Sycamore st.	Private.	40	...	440
Perkins pl.	Perkins st.	Northeasterly	Private.	20	...	200
Perkins	Franklin st.	Charlestown line	Public.	40	1,350	...

*Proposed.

TABLE SHOWING THE LOCATION, LENGTH AND WIDTH OF PUBLIC AND PRIVATE STREETS. — *Continued.*

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Peterson terrace	Porter	Northwesterly .	Private.	13+	. . .	155
Pinckney pl. . .	Pinckney st. .	Southeasterly . .	Private.	24	. . .	125
Pinckney . . .	Washington st.	Perkins st. . . .	Public.	40	1,170	. . .
Pitman	Beech st. . .	Spring st. . . .	Private.	30	. . .	380
Pitman	Spring st. . .	Belmont st. . .	Private.	26	. . .	390
Pleasant ave. .	Walnut st. . .	Vinal ave. . . .	Public.	40	470	. . .
Poplar ct. . . .	Poplar st. . .	Southeasterly . .	Private.	10	. . .	80
Poplar	Somerville ave.	Linwood st. . .	Private.	30	. . .	350
Poplar	Linwood st. .	Joy st.	Private.	35	. . .	300
Porter ave. . .	Porter st. . .	Northwesterly .	Private.	20	. . .	220
Porter pl. . . .	Porter st. . .	Northwesterly .	Private.	20	. . .	195
Porter	Elm st. . . .	Mountain ave. .	Public.	45	1,530	. . .
Porter	Mountain ave. .	Highland ave. .	Public.	40	425	. . .
Prescott . . .	Summer st. . .	Highland ave. .	Public.	50	1,050	. . .
Preston	School st. . .	Summer st. . . .	Public.	40	800	. . .
Princeton . . .	Alpine st. . .	Lowell st. . . .	Public.	40	657	. . .
Princeton . . .	Lowell st. . .	Centre st. . . .	Private.	40	. . .	540
Professors' row .	Boston ave. . .	College ave. . .	Private.	50	. . .	460
Professors' row .	College ave. .	Curtis st. . . .	Private.	40	. . .	1,900
Prospect . . .	Washington st.	Cambridge line .	Public.	50	2,050	. . .
Prospect Hill av.	Medford st. . .	High st.	Public.	40	450	. . .
Prospect pl. . .	Prospect st. . .	E. Newton st. .	Private.	20	. . .	130
Putnam	Summer st. . .	Highland ave. .	Public.	50	1,340	. . .
Quincy	Somerville ave.	Summer st. . . .	Public.	40	700	. . .
Randolph pl. .	Cross st. . . .	Westerly . . .	Private.	15	. . .	244
Raymond ave. .	Curtis st. . .	North st. . . .	Public.	40	1,845	. . .
Record's pl. . .	Broadway . .	Southwesterly .	Private.	10	. . .	110
Reed's ct. . . .	Oliver st. . .	Southwesterly .	Private.	20	. . .	105
Remick ct. . .	Cutter st. . . .	Southeasterly . .	Private.	10	. . .	100
Richardson . .	Lowell st. . .	Lawrence st. . .	Private.	35	. . .	480
Richardson ter. .	Richardson st.	Northeasterly . .	Private.	20	. . .	135
Richdale ave. .	School st. . .	Sycamore st. . .	Public.	40	875	. . .
Richmond hi'h'ds	Madison st. . .	Southerly . . .	Private.	30	. . .	150
Roberts	Lawrence st. .	Northwesterly .	Private.	20	. . .	170
Robinson . . .	Central st. . .	Bartlett st. . . .	Public.	40	582	. . .
Rogers ave. . .	Morrison ave. .	Broadway . . .	Private.	45	. . .	1,700
Roseland . . .	Beacon st. . .	Cambridge line .	Public.	40	100	. . .
Rossmore . .	Somerville ave.	Washington st. .	Public.	40	534	. . .
Royce pl. . . .	Bonair st. . .	Northeasterly . .	Private	15+	. . .	175
Rush	Broadway . .	Flint st. . . .	Public.	40	1,400	. . .
Russell road . .	Broadway . .	North st. . . .	Private.	40	. . .	1,193
Russell . . .	Elm st. . . .	Cambridge line .	Public.	40	700	. . .
Sacramento . .	Somerville ave.	Fitchburg R. R.	Public.	40	80	. . .
Sacramento . .	Fitchburg R. R.	Beacon st. . .	Public.	40	290	. . .
Sacramento . .	Beacon st. . .	Cambridge line .	Private.	40	. . .	156
Sanborn ave. .	Warren ave. .	Walnut st. . .	Public.	40	280	. . .
Sargent ave. .	Broadway . .	Walnut st. . .	Public.	40	1,082	. . .
Sartwell ave. .	Cedar st. . .	Cherry st. . .	Private.	35	. . .	400
Sawyer ave. . .	Packard ave. .	Curtis st. . . .	Private.	40	. . .	690
School . . .	Somerville ave.	Highland ave. .	Public.	40	1,870	. . .
School . . .	Highland ave.	Broadway . . .	Public.	50	2,500	. . .
Sellon pl. . .	Marshall st. .	Northwesterly .	Private.	12	. . .	120
Seven Pines ave.	Cameron ave. .	Cambridge line .	Private.	40	. . .	80
Sewall ct. . .	Sewall st. . .	Southwesterly .	Private.	25	. . .	190
Sewall . . .	Grant st. . .	Temple st. . .	Public.	40	615	. . .
Shawmut pl. .	Shawmut st. .	Alston st. . . .	Private.	30	. . .	200
Shawmut . . .	Washington st.	Cross st. . . .	Public.	40	550	. . .
Shedd	Somerville ave.	Merriam ave. .	Private.	40	. . .	310
Sherman pl. . .	Sargent ave. .	Marshall st. . .	Private.	10	. . .	250
Sherman . . .	Somerville ave.	Frost ave. . .	Private.	35	. . .	270
Sibley ct. . . .	Cutter st. . .	Northwesterly .	Private.	10	. . .	100

TABLE SHOWING THE LOCATION, LENGTH AND WIDTH OF PUBLIC AND PRIVATE STREETS. — *Continued.*

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Sibley pl.	Cutter st.	Northwesterly	Private.	10	. . .	100
Simpson ave.	Broadway	Holland st.	Private.	40	. . .	835
Skehan	Dane st.	Durham st.	Private.	30	. . .	720
Smith ave.	Beacon st.	Line st.	Private.	25+	. . .	200
Snow pl.	Belmont st.	Easterly	Private.	30	. . .	75
Snow pl.	Snow pl.	N'th'y and s'th'y	Private.	20	. . .	222
Snow ter.	Jaques st.	Southwesterly	Private.	16	. . .	120
Somerville ave.	E. Camb. line	Union sq.	Public.	75	4,300	. . .
Somerville ave.	Union sq.	N. Camb. line	Public.	70	6,800	. . .
South	Medford st.	Westerly	Private.	30	. . .	940
*Southwick ave.	Morrison ave.	Boston ave.	Private.	40	. . .	990
Spring ct.	Somerville ave.	Westerly	Private.	20	. . .	200
Spring	Somerville ave.	Summer st.	Public.	40	1,200	. . .
Springfield	Concord ave.	Cambridge line	Public.	40	800	. . .
Spring Hill ter.	Highland ave.	Belmont st.	Private.	20	. . .	670
Stanford ter.	Beacon st.	Northeasterly	Private.	20	. . .	200
Stickney ave.	Marshall st.	School st.	Public.	40	458	. . .
St. James ave.	Elm st.	Summer st.	Public.	40	488	. . .
Stone ave.	Union sq.	Columbus ave.	Public.	40	676	. . .
Stone pl.	Stone ave.	Southeasterly	Private.	30	. . .	145
Summer	Bow st.	Elm st.	Public.	45	7,700	. . .
Summit ave.	Walnut st.	Vinal ave.	Public.	45	470	. . .
Summit	Elm st.	Billingham st.	Public.	40	262	. . .
Sumner	Lawrence st.	Northwesterly	Private.	20	. . .	175
Sunnyside ave.	Walnut st.	Wigglesworth st.	Private.	35	. . .	250
Sycamore	Broadway	Medford st.	Public.	45	1,250	. . .
Sycamore	Medford st.	Richdale ave.	Private.	40	. . .	550
Sycamore	Richdale ave.	Highland ave.	Private.	33	. . .	800
Sydney	Wheatland st.	Temple st.	Private.	40	. . .	925
Talbot ave.	Packard ave.	College ave.	Private.	50	. . .	1,409
Taunton	So. Wyatt st.	Easterly to angle	Private.	30	. . .	170
Taunton	Angle	Marion st.	Private.	20	. . .	95
Taylor pl.	Somerville ave.	Southerly	Private.	15	. . .	200
Taylor	Mystic ave.	Sydney st.	Private.	40	. . .	310
Temple	Broadway	Mystic avenue	Public.	66	1,540	. . .
Tenney ct.	Mystic ave.	Northeasterly	Private.	30	. . .	400
Tennyson	Forster st.	Medford st.	Public.	40	469	. . .
Tennyson	Medford st.	Pembroke st.	Private.	40	. . .	400
Thorndike	Holland st.	Kingston st.	Private.	40	. . .	580
Thorpe pl.	Highland ave.	Southwesterly	Private.	30	. . .	450
Thurston	Broadway	Richdale ave.	Public.	40	1,660	. . .
Tower ct.	Tyler st.	Northeasterly	Private.	25	. . .	150
Tower	Crown st.	Highland ave.	Public.	40	559	. . .
Tremont pl.	Tremont st.	Southeasterly	Private.	about 10	. . .	75
Tremont	Webster ave.	Cambridge line	Public.	40	589	. . .
Trull	Vernon st.	Medford st.	Public.	40	1,050	. . .
Trull lane	Highland ave.	Oxford st.	Private.	15	. . .	200
Tube Works ct.	Somerville ave.	Southwesterly	Private.	20	. . .	150
Tufts ave.	Talbot ave.	Professors' row	Private.	60	. . .	250
Tufts	Washington st.	Cross st.	Public.	40	940	. . .
Tyler	Vine st.	Dane st.	Public.	40	404	. . .
Unnamed st.	Broadway	Russell road	Private.	40	. . .	449
Unnamed st.	Broadway	Russell road	Private.	40	. . .	382
Unnamed st.	Mystic ave.	Middlesex ave.	Private.	40	. . .	433
Unnamed st.	Mystic ave.	Middlesex ave.	Private.	40	. . .	583
Unnamed st.	Mystic ave.	Middlesex ave.	Private.	40	. . .	706
Union	Broadway	Mystic ave.	Public.	40	330	. . .
Union pl.	Linwood st.	Southwesterly	Private.	10	. . .	100
Veazie	Walnut st.	Bradley st.	Private.	40	. . .	650
Vernon	Central st.	Jenny Lind ave.	Public.	40	740	. . .
Vernon	Jenny Lind ave.	Lowell st.	Private.	30	. . .	600

*Proposed.

TABLE SHOWING THE LOCATION, LENGTH AND WIDTH OF PUBLIC AND PRIVATE STREETS. — *Continued.*

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Victoria	Broadway	Cambridge line	Private.	40	. . .	1,086
Villa ave.	Winslow ave.	Arlington B. R.R.	Private.	35	. . .	260
Village	Dane st.	Vine st.	Private.	25	. . .	370
Vinal ave.	Summer st.	Highland ave.	Public.	45	1,400	. . .
Vinal	Richardson st.	Northeasterly	Private.	20	. . .	200
Vine ct.	Vine st.	Northwesterly	Private.	25	. . .	140
Vine	Somerville ave.	Hanson st.	Private.	40	. . .	780
Vine	Hanson st.	Beacon st.	Private.	25	. . .	650
Virginia	Aldrich st.	Jasper st.	Public.	40	405	. . .
Wade ct.	Cedar st.	Westerly	Private.	20	. . .	180
Waldo	Highland ave.	Hudson st.	Public.	40	287	. . .
Wallace	Holland st.	Broadway	Public.	40	1,350	. . .
Walnut	Bow st.	Broadway	Public.	40	3,880	. . .
Walter pl.	Walter st.	Southwesterly	Private.	40	. . .	222
Walter	Walnut st.	about 100 ft. N. of Bradley st.	Public.	40	548	. . .
Ward	Medford st.	Earl st.	Private.	30	. . .	610
Ware	Curtis st.	Northwesterly	Private.	40	. . .	700
Warren ave.	Union sq.	Columbus ave.	Public.	40	650	. . .
Warren	Medford st.	Cambridge line	Private.	30	. . .	100
Warwick ave.	Warwick st.	Northeasterly	Private.	15	. . .	150
Warwick	Cedar st.	Warwick ave.	Public.	40	655	. . .
Washington ave.	Washington st.	Northerly	Private.	18	. . .	350
Washington	Charlest'n line	Franklin ave.	Public.	75	1,060	. . .
Washington	Franklin ave.	Fitchburg R. R.	Public.	60 to 100	3,870	. . .
Washington	Fitchburg R. R.	Cambridge line	Public.	60	2,380	. . .
Water	South st.	Northerly	Private.	25	. . .	250
Waterhouse	Broadway	Cambridge line	Private.	40	. . .	986
Watson st.	Broadway	Fairmount ave.	Private.	40	. . .	236
Waverly	Washington st.	Southerly	Private.	35	. . .	200
Webster ave.	Union sq.	Cambridge line	Public.	49.5	1,950	. . .
Webster	Franklin st.	Cross st.	Public.	40	1,000	. . .
Wellington ave.	Walnut st.	Montgomery ave.	Public.	40	215	. . .
Wellington ave.	M'ntgomery ave.	Easterly	Private.	40	. . .	85
Wesley pk.	Wesley sq.	Northeasterly	Public.	40	405	. . .
Wesley	Pearl st.	Northeast to angle	Private.	40	. . .	350
Wesley	Angle	Otis st.	Private.	30	. . .	165
West	Broadway	Heath st.	Private.	30	. . .	250
West	Hawthorne st.	Arlington B. R. R.	Private.	30	. . .	460
Westminster	Broadway	Electric ave.	Public.	40	376	. . .
Weston ave.	Clarendon ave.	Broadway	Private.	40	. . .	525
Westwood road	Central st.	Benton ave.	Public.	40	489	. . .
Wheatland	Broadway	Jaques st.	Public.	40	495	. . .
Wheatland	Jaques st.	Mystic ave.	Private.	40	. . .	855
Wheeler	Pinckney st.	Mt. Vernon st.	Public.	40	269	. . .
Whipple	Hawthorne st.	Arlington B. R. R.	Private.	30	. . .	575
White	Elm st.	Cambridge line	Private.	20	. . .	300
White St. pl.	White st.	Southeasterly	Private.	20	. . .	200
Wigglesworth	Bonair st.	Pearl st.	Public.	40	740	. . .
William	Chandler st.	Elm st.	Public.	40	381	. . .
William	Broadway	Medford line	Private.	50	. . .	45
Williams ct.	Porter st.	Northwesterly	Private.	30	. . .	150
Willoughby	Central st.	Sycamore st.	Private.	30	. . .	400
Willow ave.	Elm st.	Broadway	Public.	50	3,440	. . .
Willow pl.	Cambridge line	South st.	Private.	25	. . .	150
* Willowdale	Willow ave.	Easterly	Private.	40	. . .	550
Wilson ave.	Broadway	B. & L. R. R.	Private.	20	. . .	310
Wilton	Lowell st.	Lawrence st.	Private.	35	. . .	470
Winchester	Broadway	Medford line	Private.	40	. . .	65
Windom	Elm st.	Summer st.	Public.	40	300	. . .
Windsor road	Gordonia road	Willow ave.	Private.	40	. . .	575
Winslow ave	Elm st.	Clifton st.	Public.	40	1,086	. . .
Winter	Elm st.	Holland st.	Private.	30	. . .	430

* Proposed.

TABLE SHOWING THE LOCATION, LENGTH AND WIDTH OF PUBLIC AND PRIVATE STREETS.— *Concluded.*

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Winter Hill cir.	Broadway . .	Northeasterly .	Private.	25	. . .	177
Winthrop ave. .	Broadway . .	Mystic ave. . .	Public.	50	1,170	. . .
Woodbine . .	Centre st. . .	Lowell st. . .	Private.	30	. . .	600
* Woods ave. .	North st. . .	Alewife Brook .	Private.	40	. . .	1,350
Woodstock . .	Victoria st. .	Alewife Brook .	Private.	40	. . .	415
Wyatt ct. . .	South Wyatt st.	Westerly . . .	Private.	18	. . .	200
Wyatt pl. . .	Wyatt st. . .	Westerly . . .	Private.	10	. . .	70
Wyatt (South) .	Concord ave. .	Northerly . . .	Private.	40	. . .	400
Wyatt (North) .	Washington st.	Southerly . . .	Private.	40	. . .	350
Yorktown . .	100 ft. north of Malvern ave.	Cambridge line .	Private.	40	. . .	548

*Proposed.

UNNAMED STREETS.

Court	Craigie st. . .	Westerly . . .	Private.	25	. . .	126
Court	Craigie st. . .	Westerly . . .	Private.	25	. . .	126
Court	Craigie st. . .	Westerly . . .	Private.	25	. . .	126
Court	Broadway . .	Southwesterly .	Private.	15	. . .	96
Court	Dane st. . .	Easterly . . .	Private	10	. . .	70
Court	Lowell st. . .	Westerly . . .	Private.	25	. . .	101
Court	Lowell st. . .	Westerly . . .	Private.	25	. . .	101
Court	Olive ave. . .	Porter st. . . .	Private.	7.5	. . .	156
Court	Stone ave. . .	Northwesterly .	Private.	20	. . .	113
Court	Albion st. . .	Northeasterly .	Private.	10	. . .	100
Court	Columbia st. .	Northwesterly .	Private.	10	. . .	117
Total . .	. . . . .	. . . . .	. . .	. . .	297,668	170,302

Public, 56.38 miles; private, 32.24 miles.

TABLE SHOWING OLD NAMES OF CERTAIN STREETS AS FORMERLY KNOWN.

PRESENT NAME OF STREET.	FORMER NAMES BY WHICH STREET HAS BEEN KNOWN.
Albion street . . .	Forest street. (Easterly end.)
Aldrich street . . .	Ruby street. Eglantine street.
Ash avenue . . .	Minnie avenue.
Ashland street . . .	Maple street.
Avon place	Middle lane. Barberry lane. Cross lane.
Beacon place . . .	Taggard court.
Beacon street . . .	Road to West Cambridge. Middlesex turnpike. Hampshire street.
Beech street . . .	Oak street. (Somerville avenue end)
Benedict avenue . . .	Lovell street.
Bigelow street . . .	High street.
Bond street . . .	Park street.
Bonner avenue . . .	Bonner place. Warren avenue.
Boston avenue (Cedar street to Broadway) . . .	Orange street.
Bow street	Charlestown lane. Milk row road. Milk row.
Broadway	Road to Menotomy. Menotomy road. Medford road. Road from Menotomy to Boston. Medford road over Winter Hill. Great road from Charlestown to Menotomy. Winter Hill road or street. West Cambridge road. Main street.
Calvin street . . .	Dimick street.
Cameron avenue . .	Cameron street.

PRESENT NAME OF STREET.	FORMER NAMES BY WHICH STREET HAS BEEN KNOWN.
Cedar street . . .	Seventh rangeway. Rangeway to Medford.
Centre street . . .	Forest place.
Central street . . .	Fifth rangeway. Rand's lane. Tufts' rangeway.
Chauncey avenue . .	Chauncey street.
Chester avenue . . .	Middle lane. Cross lane. Barberry lane.
Columbus avenue . .	Highland street. Warren avenue. Probation path.
Cooney street . . .	Hanson lane.
Concord avenue (Beacon street to Concord square)	Brick Yard lane. (Newton street to Beacon street.) Lincoln street. (Beacon street easterly.) Garden street. (Beacon street easterly.)
Cottage avenue . . .	Cottage place.
Crescent street . . .	Mt. Vernon street.
Cross street . . .	Three Pole lane. Second rangeway. (Broadway to Medford street.) Runey's lane.
Crown street . . .	Rand street.
Curtis street . . .	Rangeway. (Second.)
Cutter avenue . . .	Russell street.
Dartmouth street . .	Fruit street.
Dane street . . .	Union street.
Dickinson street . .	John street.
Dimick street . . .	Rollins street. (Southeasterly end.)
Dover street . . .	Willow street.
Dow street	Barnett street.
Elm place	Elm street.

PRESENT NAME OF STREET.	FORMER NAMES BY WHICH STREET HAS BEEN KNOWN.
Elm street	Charlestown lane. Powder House road. Road from Medford to Cambridge. Road from Medford to Cambridge over Quarry Hill. Cambridge road. Milk lane. Milk row.
Elmwood street	Davis street.
Everett avenue	Everett street.
Evergreen square	Cutter square.
Fairlee street	Graham street.
Fanning avenue	Dexter street.
Flint street	Runey street. (Cross street to Aldrich street.)
Forster street	Linwood street. Federal street.
Franklin street	Second poleway. First rangeway.
Gilman street	Cross street place.
Glendale avenue.	Holmes street.
Hammond street	Dickinson place. Benefit street.
Harding street	Rideout street.
Harvard place	Chestnut street. Chestnut court.
Hawkins street	Milton street.
Hawthorne street	Graves street.
Henry avenue	Ayer street.
Hillside Park	Marritt place.
Highland avenue	Middle lane. Cross lane. Barberry lane. Church street. (Medford street to Central street.)
Ivaloo street	Auburn court. Wood street.

PRESENT NAME OF STREET.	FORMER NAMES BY WHICH STREET HAS BEEN KNOWN.
Jaques street	Bond street. (Temple street to Bond street.)
Kenwood street	Jacob street.
Kingman court	Kingman street. Warren street.
Kingston street	Campbell park. (Angle to Cambridge line.)
Lake street	Hawkins court.
Lesley avenue	Alton street.
Lexington avenue	Lexington street.
Lincoln avenue	George street.
Linden avenue	Brackett's row. Leland street.
London street	Lowell street.
Lowell street	Sixth rangeway. Charles Adams' rangeway. White street.
Main street	Road from Medford to Boston.
Malvern avenue	Hollis street.
Maple avenue	Parterre square.
Medford street	Road from Medford to Lechmere Point. Road from Canal bridge to Medford. New road from Medford to Cambridge bridge. Craigie's road to Medford. Road to Medford.
Merriam street	Myrtle street.
Miller street	Pierce's court.
Moreland street	Brooks street. (Main street to Meacham street.)
Morrison avenue	Morrison street.
Monmouth street	York Terrace. (Easterly end.) Chestnut street.) Chestnut court. > (Westerly end.) Harvard place.)
Munroe street	Prospect street. Mt. Pisgah avenue. High street.

PRESENT NAME OF STREET.	FORMER NAMES BY WHICH STREET HAS BEEN KNOWN.
Myrtle street	Warren street.
Mystic avenue	Medford turnpike, or road.
Newton street	Way by Bullard's bridge. Road to Cambridgeport. Brick Yard lane.
North street	Proprietor's way. Cook's lane. Rangeway. (Third.)
North Union street	Canal street.
Norwood avenue	Magoun street.
Oakland avenue	Oakman avenue.
Oliver street	Broom street.
Oxford street	High street. (Westerly end.)
Park street	Baldwin street. Snowhill street. Bond street.
Paulina street	James street.
Perkins street	Proprietor's way. (Part.)
Pitman street	Walnut street.
Poplar street	Walnut street. (Linwood street to Joy street.)
Prospect street	Road from Cambridgeport to Charlestown. Pine street.
Prospect Hill avenue	Cross street.
Richardson street	Appleton street. (Lowell street, westerly.)
Sacramento street	Union street.
Sargent avenue	Mills street. (Walnut street to angle.)
Sartwell avenue	Chestnut street. Maple street.
School street	Fourth rangeway. Ireland's lane. (Somerville avenue, northerly.)
Seven Pines avenue	Stiles street.
Shawmut street	Three Pole lane. Second rangeway.

PRESENT NAME OF STREET.	FORMER NAMES BY WHICH STREET HAS BEEN KNOWN.
Somerville avenue . .	Charlestown lane. (Union square, westerly.) Kent's street. (Union square, westerly.) Milk row road. (Union square, westerly.) Milk row. (Union square, westerly.) Road from West Cambridge to Charlestown. County road. Milk street. Bridge street.
Spring street . . .	Spring Hill street.
Spring court . . .	Spring Hill court.
Temple street . . .	Derby lane. Derby street.
Veazie street . . .	Hawes avenue.
Vernon street . . .	Taylor street. Euston street.
Virginia street . . .	Eglantine avenue.
Walnut street . . .	Third rangeway.
Washington street . .	Highway to New Towne. Cambridge road. Road from Cambridge to Charlestown. Cambridge and Charlestown road. Charlestown road. Road from the Colleges to Charlestown. Road to Old Cambridge. Milk row. (Charlestown to Union square.) Kirkland street. (Union square to Cambridge.) Cambridge street. (Union square to Charlestown.)
Webster avenue . .	Medford street.
Webster street . . .	Lime street. Sullivan place.
Wesley Park . . .	Hawkins park.
Wesley street . . .	Prince street.
Wheatland street . .	New Walnut street.
White street . . .	Cottage street.
White street place . .	Cottage court.
Willow avenue . . .	Eighth rangeway. Irving street.

PRESENT NAME OF STREET.	FORMER NAMES BY WHICH STREET HAS BEEN KNOWN.
Windsor road . . .	Minot street. Willow Dale street.
Wyatt street (South) . .	Wyatt's lane.
Yorktown street . . .	Albro street.

SQUARES.

Central square . . .	Prescott square.
Cutter square . . .	Russell square.
Davis square . . .	Clarendon square.
Magoun square . . .	Pollard square.
Teele square . . .	Russell square.

26th Annual Report

of the

City Engineer

of the

City of Somerville

Massachusetts

1899

TABLE SHOWING THE LOCATION, LENGTH AND WIDTH OF PUBLIC AND PRIVATE STREETS. — *Continued.*

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Victoria . . .	Broadway . .	Cambridge line .	Private.	40	. . .	1,[illegible]
Villa ave. . .	Winslow ave. .	Arlington B. R.R.	Private.	35	. . .	[illegible]
Village . . .	Dane st. . .	Vine st. . . .	Private.	35	. . .	370
Vinal ave. . .	Summer st. .	Highland ave. .	Public.	45	1,400	. . .
Vinal . . .	Richardson st.	Northeasterly .	Private.	20	. . .	[illegible]
Vine ct. . . .	Vine st. . . .	Northwesterly .	Private.	25	. . .	140
Vine	Somerville ave.	Hanson st. . .	Private.	40	. . .	780
Vine	Hanson st. . .	Beacon st. . .	Private.	25	. . .	[illegible]
Virginia . . .	Aldrich st. . .	Jasper st. . . .	Public.	40	465	. . .
Wade ct. . . .	Cedar st. . .	Westerly . . .	Private.	20	. . .	180
Waldo . . .	Highland ave.	Hudson st. . .	Public.	40	267	. . .
Wallace . . .	Holland st. .	Broadway . . .	Public.	40	1,250	. . .
Walnut . . .	Bow st. . . .	Broadway . . .	Public.	40	3,[illegible]	. . .
Walter pl. . .	Walter st. . .	Southwesterly .	Private.	40	. . .	222
Walter . . .	Walnut st. . .	about 100 ft. N. of Bradley st.	Public.	40	548	. . .
Ward	Medford st. .	Earl st. . . .	Private.	35	. . .	610
Ware	Curtis st. . .	Northwesterly .	Private.	40	. . .	700
Warren ave. .	Union sq. . .	Columbus ave. .	Public.	40	650	. . .
Warren . . .	Medford st. .	Cambridge line .	Private.	30	. . .	100
Warwick ave. .	Warwick st. .	Northeasterly .	Private.	15	. . .	180
Warwick . .	Cedar st. . .	Warwick ave. .	Public.	40	655	. . .
Washington ave.	Washington st.	Northerly . . .	Private.	18	. . .	300
Washington .	Charlest'n line	Franklin ave. .	Public.	75	1,[illegible]	. . .
Washington .	Franklin ave. .	Fitchburg R. R.	Public.	60 to 100	3,570	. . .
Washington .	Fitchburg R. R.	Cambridge line .	Public.	60	2,[illegible]	. . .
Water . . .	South st. . .	Northerly . . .	Private.	25	. . .	200
Waterhouse . .	Broadway . .	Cambridge line .	Private.	40	. . .	[illegible]
Watson st. . .	Broadway . .	Fairmount ave. .	Private.	40	. . .	226
Waverly . . .	Washington st.	Southerly . . .	Private.	25	. . .	200
Webster ave. .	Union sq. . .	Cambridge line .	Public.	49.5	1,950	. . .
Webster . . .	Franklin st. .	Cross st. . . .	Public.	40	1,000	. . .
Wellington ave.	Walnut st. . .	Montgomery ave.	Public.	40	215	. . .
Wellington ave.	M'ntgomery ave.	Easterly . . .	Private.	40	. . .	85
Wesley pk. . .	Wesley sq. .	Northeasterly .	Public.	40	405	. . .
Wesley . . .	Pearl st. . .	Northeast to angle	Private.	40	. . .	350
Wesley . . .	Angle . . .	Otis st. . . .	Private.	30	. . .	165
West	Broadway . .	Heath st. . . .	Private.	30	. . .	250
West	Hawthorne st.	Arlington B. R. R.	Private.	30	. . .	460
Westminster .	Broadway . .	Electric ave. . .	Public.	40	376	. . .
Weston ave. .	Clarendon ave.	Broadway . . .	Private.	40	. . .	525
Westwood road	Central st. . .	Benton ave. . .	Public.	40	489	. . .
Wheatland . .	Broadway . .	Jaques st. . . .	Public.	40	495	. . .
Wheatland . .	Jaques st. . .	Mystic ave. . .	Private.	40	. . .	855
Wheeler . . .	Pinckney st. .	Mt. Vernon st. .	Public.	40	269	. . .
Whipple . . .	Hawthorne st. .	Arlington B. R. R.	Private.	30	. . .	575
White	Elm st. . . .	Cambridge line .	Private.	20	. . .	300
White St. pl. .	White st. . .	Southeasterly .	Private.	20	. . .	200
Wigglesworth .	Bonair st. . .	Pearl st. . . .	Public.	40	740	. . .
William . . .	Chandler st. .	Elm st. . . .	Public.	40	381	. . .
William . . .	Broadway . .	Medford line . .	Private.	50	. . .	45
Williams ct. .	Porter st. . .	Northwesterly .	Private.	30	. . .	150
Willoughby . .	Central st. . .	Sycamore st. . .	Private.	30	. . .	400
Willow ave. .	Elm st. . . .	Broadway . . .	Public.	50	3,440	. . .
Willow pl. . .	Cambridge line	South st. . . .	Private.	25	. . .	150
* Willowdale .	Willow ave. .	Easterly . . .	Private.	40	. . .	550
Wilson ave. .	Broadway . .	B. & L. R. R. .	Private.	20	. . .	310
Wilton . . .	Lowell st. . .	Lawrence st. . .	Private.	35	. . .	470
Winchester . .	Broadway . .	Medford line . .	Private.	40	. . .	65
Windom . . .	Elm st. . . .	Summer st. . .	Public.	40	300	. . .
Windsor road .	Gordonia road	Willow ave. . .	Private.	40	. . .	575
Winslow ave .	Elm st. . . .	Clifton st. . . .	Public.	40	1,086	. . .
Winter . . .	Elm st. . . .	Holland st. . .	Private.	30	. . .	430

* Proposed.

TWENTY-SIXTH

ANNUAL REPORT

OF THE

CITY ENGINEER

OF THE

CITY OF SOMERVILLE

MASSACHUSETTS

FOR THE YEAR 1899

SOMERVILLE JOURNAL PRINT

1900

THE NEW YORK
171328

REPORT OF THE CITY ENGINEER.

OFFICE OF THE CITY ENGINEER,
CITY HALL, SOMERVILLE, January 25, 1900.

To His Honor, the Mayor, and the Board of Aldermen:—

Gentlemen,—I herewith present to your honorable body a report of the work done and expense incurred for the year ending December 31, 1899, by the departments under my charge and supervision, including Engineering, Sewers, Public Grounds, and other public works.

ENGINEERING DEPARTMENT.

During the past year many preliminary plans and estimates of cost of various items of work have been made as required, lines and grades given for all construction work on sewers, sidewalks, streets, parks, water and gas mains, and other miscellaneous work. All sidewalk assessments have been computed, and plans and assessments made for sewers constructed.

A large amount of work has been done in the city by different companies and corporations during the year, requiring inspection, locations, lines and grades from the Engineering department, and the alteration of many house drains, catch-basins, sewers, water services and mains.

The Massachusetts Pipe Line Gas Company have laid two thirty-six-inch mains across the southerly section of the city, from the Charlestown line to the Cambridge line, a length of 6,840 feet. The New England Telephone and Telegraph Company have constructed about ten miles of underground conduits in streets where their principal lines of poles exist, the city having the use of one duct for the city wires. The West End Street Railway Company have added a double track to their location in Somerville avenue and Elm street, a length of about 9,000 feet.

A number of plans and miscellaneous data have been acquired in the matter of the abolition of grade crossings on the Fitchburg railroad, and the Lexington and Arlington branch of the Boston & Maine railroad in this city, but no scheme or set of plans have been adopted as yet.

Fourteen assistants have been employed in the department as engineers on the various works in progress during the year, ten permanently, and others as the work required.

All items of engineering work have been paid from the engineering appropriation, with the exception of a small amount on construction work, where the Engineer was used as an inspector.

Appropriation		$10,000 00
Received from other departments and corporations for work done, credit		328 62
		$10,328 62
Salary City Engineer (including maintenance of team)	$2,400 00	
Salaries of assistants	7,413 91	
Draughting materials, stationery, and office supplies	169 03	
Tapes, plumbs, stakes, tools, and general supplies	106 42	
Car fares	216 15	
Expressing, telephone, and incidental expenses	22 90	
Total		$10,328 41
Unexpended balance		$0 21
Engineering services on account of inspection of construction work, paid from Sewers Construction account and Powder-House Boulevard account	$149 00	
Total cost maintaining Engineering department, 1899		$10,477 41

Classification of Expenditures, Assistants' Salaries.

Sewers—comprising surveys, estimates, profiles, lines, grades, titles, plans, assessments, and all engineering work relating to sewers	$1,690 05
Highways—comprising plans, estimates, titles, profiles, lines and grades, and all other engineering relating to the department	472 15
Sidewalks—comprising profiles, lines, grades, measurements, titles, costs, and assessments	690 24
Water Works—comprising lines, grades, locations of mains, gates, hydrants and services, and other matters relating to water department, also new map for department	784 62
Public Grounds—comprising surveys, plans, estimates, profiles, and grades, including laying out of parks and grounds	309 35
Public Buildings—comprising surveys, estimates, lines, grades, and other work relating to construction	148 07
Street Numbering—comprising locations of buildings, plans, and affixing street numbers on houses	149 04
Street Lines—comprising establishing of lines, grades, and miscellaneous data given parties for building and grading	175 97
Amount carried forward	$4,419 49

Amount brought forward	$4,419 49
Middlesex Registry—comprising copying of plans and abstracts from deeds filed, and examination of titles . . .	152 88
City Survey—comprising lines, angles and measurements, calculations of traverses and locations of division lines and buildings	320 15
Powder-House Boulevard—comprising surveys, calculations, taking of land plans, construction plans, profiles, deeds, and general engineering work in laying out and constructing	1,186 13
Boston Elevated Railway Co.—comprising grades, plans, and profiles . . .	81 92
Electric Light Co. and Telephone and Telegraph Co.—comprising lines, plans, locations of poles and conduits, and office notes	48 76
Gas Light Companies—comprising lines, locations, and office notes . . .	32 75
Grade Crossings—comprising miscellaneous data, plans, and profiles . . .	68 42
Office Work—comprising records of all locations, indexing, typewriting, calculations, and general draughting . .	989 13
Miscellaneous Work—comprising preliminary surveys, designs, sketches, etc., relating to various schemes for different committees	114 28
Total	$7,413 91

There are a number of old streets in the city where no well-defined street line exists, and many times the Engineering Department is called upon to give lines and grades for public improvements, and have no recorded data or authority for the same; at these various places plans should be made and adopted by the city, showing an established line and grade to be used in future work.

At the intersections of streets and at angle points in streets stone bounds should be set, yearly, defining the lines and preserving points that are being used continually, and would save considerable time and expense in the laying out of the city's work; no bounds have been set for a number of years past.

All plans of streets submitted with petitions to the city for acceptance should be made on a uniform scale of forty feet to an inch, and the profile showing the grade on a vertical scale of four feet to an inch; this plan and grade should be approved by the city before obtaining releases for acceptance from the property owners.

Bridges.—The railroad bridges and highway bridges within the city's limits are in the same general condition as stated in the Engineer's report for the year 1898.

SEWER DEPARTMENT.

The principal work done on construction during the past year has been the extension of the so-called "separate system" sewers, designed for taking house drainage only (roof and ground water being excluded), the district benefited including a portion of the low, flat area in the southwesterly part of the city, in the vicinity of Concord square, where cellars have been badly flooded for a number of years past during storms, but can now be relieved by separate connections with the new sewers constructed during the year.

The above-referred-to district, together with the Somerville-avenue district, includes all the low-lying land south and west of Somerville avenue, and extending to the City of Cambridge boundary line; within this section, in addition to the mere extent of area, unfavorable conditions prevail, due to physical causes, not encountered in other parts of the city. While some of the existing sewers are of comparatively large size and capacity, the fact remains that their outlet during storms through the sewerage system of the city of Cambridge is practically at the level of mean low water, and many of the cellars in this area are below high tide, so that the sewers in an area of this extent and character, running under pressure (due either from excessive rainfall or to high tides), results in back water in the house drains and the flooding of cellars, there being about 900 in this entire area so affected under the most unfavorable conditions.

This separate system to receive the house drainage provides for new pipe sewers, of greatly reduced size from the present structures, built in each street; in many cases two sewers, one under each sidewalk, are designed, and when wholly completed the entire area, where low cellars exist and flooding is now experienced, will be relieved. All of the storm water from the entire area and the house sewage from the high portion will continue to be dealt with by the existing combined sewers. This "separate system" should be extended westerly in Somerville avenue as rapidly as possible, that relief from flooding of cellars may be obtained for a district in the vicinity of Spring and Belmont streets.

In conjunction with this work it is proposed to relieve the eight-foot Somerville-avenue sewer main in times of heavy storms by an overflow drain at the East Cambridge boundary line, having its outlet into Miller's river; as a part of this structure would pass through a small section of Cambridge, it was necessary to have an act passed by the Legislature giving the City of Somerville rights outside of the city limits. This act was approved April 15, 1899, with the proviso that the State Board of Health should first approve of the city's plans; these, with a general description of the work contemplated and other miscellaneous data, were duly submitted, and in December a reply was received from the State Board of Health not approving of an outlet into Miller's river.

This river is the city's only available tide water overflow in times of storms for a very large area, and was also originally the outlet for this drainage area, and the State Board of Health, in refusing this application, is causing the city a great inconvenience and heavy expense, as well as giving an erroneous report on the matter, while the cities of Cambridge and Boston are discharging polluted water through over forty sewer overflows, varying in size from one foot to eight feet in diameter, into the Charles river (a stream having the same tides and salt water as Miller's river), all of which are contaminated many times more than the one overflow asked for by this city.

This overflow into Miller's river would only be in operation a few times a year, and the discharge a portion of the same that now reaches Charles river; the same structure proposed to be built would, in the future, take care of all storm water from this area, when the city has been put entirely on the "separate system," which is being accomplished each year as the appropriation will allow.

Another storm water overflow outlet in the easterly section of the city, across the marsh lands of the Reed Heirs and the Boston & Maine Railroad Company, into Mystic river, should be completed at an early date.

Sewers and Drains Constructed in 1899.

Sewers have been constructed during the year on the "separate system" in the vicinity of Concord square and the adjacent streets, varying in size, the largest being twenty-two inches by thirty-three inches brick and the smallest a six-inch pipe, the total length laid amounting to 15,300 linear feet (2.9 miles); the entire length of this new system constructed to date is 3.25 miles.

Fifteen pipe sewers have been laid in different parts of the city, as petitioned for at various times during the year, a combined length of 5,059.1 feet. Record plans have been made showing all locations, and assessments have been levied on the abutting land owners; also four sewers, built in 1898, have been assessed. The total length of sewers constructed during the year was 20,359.1 feet (3.86 miles).

A storm relief drain has been laid in School street, between Summer street and Berkeley street, a length of 437 feet, and overflow connections constructed with the old sewers. In Otis street and Albion street short lengths of pipe drains have been laid to provide for storm water; the total length of storm drains laid during the year amounting to 1,065 linear feet.

Seventy-nine catch-basins have been built during the year in different parts of the city, at a cost of $3,038.65; this does not include nineteen that were constructed on the line of the Powder-House Boulevard.

The total cost of work done under Sewers Construction account during the year amounted to $24,100.00.

The total length of sewers in the city is seventy-two and three-quarters miles, and the total cost of constructing has been about $862,600.00.

Total length of storm drains in the city, three miles; total cost of construction, $132,637.00.

Total number of catch-basins in the city, 1,039.

In the table showing sewers built in 1899 will be found an itemized statement of construction and cost.

Metropolitan Sewer Connections.

No new connections were made with the Metropolitan sewerage system during 1899. The local system has eight connections within the city's limits and two outlets through other cities, one discharging in Medford and the other through Cambridge, connecting with the Metropolitan mains; there are about seventy-two miles of the city's sewers discharging through these ten outlets and taking the house drainage of over 11,300 buildings.

Somerville's assessment for maintenance of the Metropolitan system for 1899 was $13,579.65, and on construction account, $29,278.44; the total paid the Commonwealth of Massachusetts by this city for the construction and maintenance of the Metropolitan sewerage system, to date, amounts to $245,364.46.

An area of about twenty-one acres in the vicinity of Mt. Benedict, East Somerville, is the only district in the city not connected with the Metropolitan sewer; a connection should be made at North Union street, preventing the discharge of this sewage into Mystic river.

Maintenance of the Sewerage System, 1899.

A force of men are kept continually cleaning and flushing the catch-basins and sewer mains, and repairing the old structures throughout the city; this work increases each year as new work is added to the system, and is one of the most important items in the city's welfare, its sanitary condition.

Three hundred and twelve permits were granted licensed drainlayers for connecting house drains with the public sewers during the year, and for the repairs and alterations of eighty-six old drains.

Fifty-five drains were changed, eleven catch-basins rebuilt, and two sewers constructed on the line of work where the Massachusetts Pipe Line Gas Company's mains were laid in this city; thirty drains and a number of catch-basins were altered where the New England Telephone and Telegraph Company's underground conduits were constructed.

The inspection of sewers, drains, and alterations on the line of work where the Massachusetts Pipe Line Gas Company's mains were laid amounted to $364.11, and on the line of work where the New England Telephone and Telegraph Company's

conduits were constructed amounted to $75.93, the city being r imbursed the above amounts by the respective companies.

The cost of inspecting and locating private house drains a connections with sewer mains has been $485.55.

The cost of changing the line and grade and repairing ma holes, the flushing, cleaning, repairing, and general maintenan of the sewer mains during the year amounted to $3,338.79.

The cost of changing the line and grade, repairing, cleanin flushing, and general maintenance of catch-basins during the ye amounted to $4,088.

The total cost of work done under Sewers Maintenance a count during the year, including rent of water course, amount to $9,181.66.

An itemized statement of cost will be found in the report the Committee on Sewers.

PUBLIC GROUNDS DEPARTMENT.

Work on the completion of Lincoln Park was commence early in the season, and carried on during the year from time t time, as materials could be obtained at the best advantage on th various parts of work. Large quantities of filling material hav been obtained by cars on the Fitchburg railroad, and all surplu earth excavated from the sewer, gas, telephone, and oth trenches has been deposited in Wyatt's Pit, in all about 30,00 cubic yards, the past year.

The filthy water in the pit was pumped out, the bottom cov ered with gravel, the sides cleaned, regraded, and fenced, and a dumping of rubbish and refuse material has been prohibited, s that now the enclosed pond is an additional attraction to the ne park. The grading of the athletic field has been completed, an the field used during the last season for games, the drivewa around the playgrounds has been macadamized, catch-basins con structed, and trees and shrubbery planted at intervals on th roadway and walks.

In a few years' time this park will be one of the most attrac tive open spots in the city, and will have one of the best athleti fields in the vicinity; the amount expended on construction dur ing the year was $10,006.83, and the total cost of constructin Lincoln Park has been $14,994.70.

Lincoln Park Construction, 1899.

Constructing driveway, catch-basins, sidewalks, etc., labor and materials	$3,806 4
Laying out and grading athletic field, labor and materials	2,509 2
Pumping and cleaning Wyatt's Pit, labor	263 8
Filling material for pit, labor, and teaming	1,987 0
Regrading sides of pit	744 1
Building for dressing room, fences, etc.	329 0
Trees, shrubbery and planting	367 0
Total expenditure, 1899	$10,006 8

Two areas, one located on Webster avenue, near the Cambridge city line, the other corner of Somerville avenue and Kent street, both formerly schoolhouse lots, have been laid out as small parks the past year. The land has been regraded and loamed, grass seed sown, walks constructed, and shrubbery planted, the entire cost amounting to $662.95.

The general maintenance of the public grounds has been carried on in different sections of the city similar to the past few years. Florist J. W. Howard has furnished beds of bulbs, flowers, foliage plants, and shrubbery, in their season, on the various parks; the pond in Broadway Park during cold weather has been kept in condition for skating, also an area on Elm street and Lincoln Park have been flooded for skating purposes.

The parks have had special police service throughout the year, and a number of minor changes for improvement have been made on the different grounds. The iron fence that surrounded Broadway Park has been removed and sold, the Metropolitan Park Commission taking the streets (Winthrop and Chauncey avenues) on either side and completing them as boulevards.

The total area maintained by the Public Grounds Department is 51.7 acres.

Cost of Maintenance, Public Grounds, 1899.

Broadway Park, labor, materials, etc.	$2,998 78
Broadway Parkway, labor, materials, etc.	256 88
Central-hill Park, labor, materials, etc.	2,435 14
Lincoln Park, labor, materials, etc.	1,425 29
Nathan Tufts Park, labor, materials, etc.	1,328 90
Elm-street Playgrounds, labor, materials, etc.	261 02
Kent-street Playgrounds, labor, materials, etc.	485 00
Webster-avenue Playgrounds, labor, materials, etc.	177 95
Glen-street Playgrounds, labor, materials, etc.	83 06
Somerville-avenue Cemetery, labor, materials, etc.	102 82
Incidentals	48 00
Total expenditure	$9,602 84

Powder-House Boulevard.

During the year 1899, by authority from the Legislature, the city has taken land for a boulevard in the westerly part of the city, extending from Powder-house square northwesterly across land of Tufts College, crossing Packard avenue, land of Teele, crossing Curtis street, land of Dow and Blaney and Robinson, crossing North street, thence along the easterly bank of Alewife brook to the Medford city line, at the junction of Mystic river and the brook, a length of 7,200 feet. All but one parcel of land (the exception being a valuable house lot) was given by the different owners for boulevard purposes.

This boulevard, when completed, is to have a driveway forty feet in width, bordered on each side with grass plots seven feet wide, sidewalks eight feet in width, and between the sidewalks

and house lots a planting space for trees, five feet wide, making the total width of the boulevard eighty feet; also there are restrictions placed on the adjoining land as to location, cost, and character of buildings to be erected.

In October work on construction was commenced, and the roadway, forty feet in width, was subgraded as far westerly as North street, a length of 4,300 feet; drains, culverts, and catch-basins were constructed, and the loam stripped on the sides. The total cost of the work done was as follows:—

Thomas H. Gill, contractor, labor and materials furnished	$8,098 93
City, labor and materials furnished	679 92
Total cost construction	$8,778 85
Land taken, paid for	1,389 82
Total expenditure, 1899	$10,168 67

HIGHWAYS.

During the year 1899 nineteen streets were accepted, an aggregate length of 11,029 feet, making the total length of public streets 60.11 miles; a number of private streets have been added, making a total of 30.59 miles, and a sum total, public and private streets in the city, January 1, 1900, 90.70 miles.

Lines, grades, and estimates have been given the past year for setting 13,094.4 linear feet (2.48 miles) of new edgestone, and for the laying of 12,027.8 square yards of new brick sidewalks, making a total length in the city of 78.4 miles sidewalks, with edgestone, and 52.2 miles of brick sidewalks.

Three thousand one hundred square feet of crosswalks have been laid, about one-half being of vitrified brick.

Considerable repair work on sidewalks has been done during the year, 1.16 miles of edgestone have been reset, 6,200 square yards of brick walks have been relaid, and 4,800 square feet of crosswalks relaid.

One-third of a mile of paved street was constructed the past year, making a total of 2.75 miles of streets paved with granite blocks; and there are about forty-eight miles of macadamized streets in the city.

A new iron bridge has been constructed over the Fitchburg railroad tracks at the junction of Beacon street and Somerville avenue; this modern structure is of the full width of the street, having sidewalks on either side ten feet in width, and two roadways, each twenty-two feet in width, with the electric car tracks placed in the centre. The old bridge was a narrow, wooden structure.

Washington street has been paved on the northerly side, between the Charlestown line and Tufts street, with granite blocks

Street	
Adrian . .	
Adrian . .	
Aldersey .	
Avon . .	
Bartlett . .	
Bartlett . .	
*Benton road	
(1) Broadway	
Browning road	
Cambria .	
Charnwood road	
Cook . .	
Cypress . .	
Day . .	
Gorham . .	
Hancock .	
Highland avenue	
Highland avenue	
Jaques . .	
Kidder avenue	
Lee . .	
Lowell . .	
Marion . .	
Marion . .	
Oakland avenue	
Park avenue .	
Pearl . .	
Prescott .	
Quincy . .	
Russell . .	
School . .	
Stone avenue	
Stone avenue	
Summer .	
Summer .	
Tennyson .	
Thurston .	
Virginia .	
Virginia .	
Walnut . .	
Willow avenue	
Totals	

(1) Brick an

laid on a gravel foundation, the edgestone reset, and old brick sidewalk relaid. The length of street paved was 1,800 linear feet, and the total cost of the work done was as follows:—

Patrick McGovern, contractor, labor and materials furnished	$4,266 03
City, inspection and materials furnished	5,982 35
Total cost construction	$10,248 38

Following are tables showing streets accepted during the year, and lengths and cost of new sidewalks and paved gutters laid; also the number of miles of accepted streets and miles of sidewalks in each ward of the city.

In the report of the Committee on Highways will be found an itemized account of the total expenditures and miscellaneous work done, the foregoing work referred to being that portion connected with the Engineering Department.

Streets Accepted in 1899.

Name of Street.	Ward.	From	To	Width in Feet.	Length in Feet.
Alston	1	Cross st.	Shawmut pl.	40	567
Atherton	6	Central st.	Beech st.	40	264
Bartlett	5	Medford st.	Broadway	40	730
Benton road	6	Summer st.	Highland ave.	40	922
Bolton	2	Oak st.	Houghton st.	40	476
Bowdoin	2	Washington st.	Fremont ave.	40	247
George	1	Broadway	Lincoln ave.	30	275
Houghton	2	Oak st.	Cambridge line	40	449
Lesley ave.	6	Highland ave.	Lexington ave.	40	333
Liberty ave.	7	Broadway	Hall ave.	40	1,395
Lincoln ave.	1	Lincoln st.	Mt. Vernon st.	30	478
Melvin	4	Broadway	Bonair st.	40	487
Oak	2	Angle in st.	Cambridge line	30	563
Oxford	3	School st.	Central st.	35	1,361
Tennyson	5	Medford st.	Pembroke st.	40	400
Thorndike	7	Holland st.	Arlington Br. R.R.	40	465
Wesley	4	Pearl st.	Otis st.	40	515
Wyatt (South)	2	Concord ave	Lincoln parkway	40	496
Wyatt (North)	2	Washington st.	Lincoln parkway	40	606
Total					11,029

Length of Accepted Streets in Each Ward.

	Miles.
Ward One	8.5
Ward Two	6.5
Ward Three	6.1
Ward Four	7.8
Ward Five	9.8
Ward Six	9.2
Ward Seven	12.21
Total length of accepted streets in the city.	60.11

WATER DEPARTMENT.

The Engineering Department has located all new water mains extended and all mains relaid in the various streets, a total length of about seven miles, and located accurately all hydrants, gates, and house services.

During the year there were 248 of these house services, which have been recorded in the office and plotted on plans for future reference. All blow-off connections for emptying the water mains into the sewerage system have been inspected and located.

Lines, grades, and miscellaneous information have been given whenever requested by the Water Department.

A new map of the entire city on a scale of 200 feet to an inch has been made for the Water Department, showing all water mains, gates, hydrants, and blow-off connections, the high service mains being shown in one color and the low service by another.

An itemized account of the work done will be found in the report of the Water Department.

Appended Table.

Following this report is a table giving names of all streets in the city, showing their location, whether public or private, length and width.

Respectfully submitted,

ERNEST W. BAILEY,

City Engineer.

SHOWING THE LOCATION, LENGTH, AND WIDTH OF PUBLIC AND PRIVATE STREETS.

	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
. .	Broadway . . .	Medford st. . . .	Public.	40	900	....
. .	Marion st. . .	Joseph st. . . .	Public.	40	579	....
. .	Albion st. . . .	Northeasterly . .	Private.	10	....	166
. .	Albion st. . . .	Southwesterly . .	Private.	16	....	116
. .	Central st. . .	Cedar st. . . .	Public.	40	2,742	....
. .	Broadway . . .	Medford line . .	Private.	50	...	100
. .	Albion st. . . .	Southwesterly . .	Private.	25	....	100
. .	Walnut st. . .	Vinal ave. . . .	Public.	40	508	....
. .	Pearl st. . . .	B. & L. R. R. . .	Public.	40	611	....
. .	Broadway . . .	Medford line . .	Private.	50	....	50
. .	Somerville ave. .	Charlestown st. .	Private.	25	....	680
. .	Park st. . . .	Northwesterly . .	Private.	20	....	150
. .	Cedar st. . . .	Southeasterly . .	Private.	30	....	670
. .	Alpine st. . .	Lowell st. . . .	Public.	40	688	....
. .	Cross st . . .	Shawmut pl. . .	Public.	40	567	....
. .	Bartlett st. . .	Robinson st. . .	Public.	40	580	....
. .	Talbot ave. . .	Professors' row. .	Private.	60	....	250
. .	Willow ave. . .	Clifton st. . . .	Public.	40	510	....
. .	Clifton st. . .	Liberty ave. . .	Private.	40	....	120
. .	Franklin st. . .	Lincoln st. . . .	Public.	40	440	....
. .	Porter st. . . .	Southeasterly . .	Private.	15	....	127
. .	Beacon st. . .	Northeasterly . .	Private.	10	....	115
. .	Linden st. . .	Easterly	Private.	about 10	....	100
. .	Broadway . . .	Bonair st. . . .	Public.	40	438	....
. .	Meacham st. .	Northeasterly . .	Private.	40	....	705
. .	Summer st. . .	Sartwell ave. . .	Public.	30	478	....
. .	Central st. . .	Beech st. . . .	Public.	40	264	....
. .	Cross st. . . .	B. & L. R. R. . .	Private.	30	....	600
. .	Broadway . . .	Mystic ave. . . .	Public.	40	680	....
. .	Broadway . . .	Bonair st. . . .	Private.	20	....	420
. .	School st. . .	Central st. . . .	Public.	40	1,360	....
. .	Cross st. . . .	B. & L. R. R. . .	Private.	25	....	150
. .	Morrison ave. .	Boston ave. . . .	Private.	70	....	1,500
. .	Elm st. . . .	Summer st. . . .	Public.	40	639	....
. .	Vernon st. . .	Broadway . . .	Public.	40	1,550	....
. .	Washington st. .	Asylum grounds .	Private.	20	...	200
. .	Broadway . .	Russell road. . .	Private.	40	....	382
. .	Broadway . . .	Fosket st. . . .	Private.	40	....	1,197
. .	Webster ave. .	Columbia st. . .	Private.	about 20	....	200
. .	Beacon st. . .	Northeasterly . .	Private.	15	....	200
. .	Cambridge line .	Somerville ave. .	Public.	66	6,100	....
. .	Somerville ave. .	Northeasterly . .	Private.	24	....	110
. .	Cutter st. . . .	Southeasterly . .	Private.	16	....	100
. .	South st. . . .	Cambridge line .	Private.	30	....	160
. .	Somerville ave. .	Spring st. . . .	Public.	40	800	....
. .	Albion st. . . .	Northeasterly . .	Private.	20	....	90
. .	Broadway . . .	Russell road. . .	Private.	40	....	449
. .	Somerville ave. .	Highland ave. . .	Public.	40	2,175	....
. .	Belmont st. . .	Southeasterly . .	Private.	25	....	175
. .	Broadway . . .	Benedict st. . . .	Private.	20	....	200
. .	Union st. . . .	Austin st. . . .	Public.	40	600	....
. .	Bennett st. . .	Prospect st. . . .	Private.	10	....	100
. .	Prospect st. . .	Bennett ct. . . .	Private.	40 to 25	....	400
. .	Summer st. . .	Hudson st. . . .	Public.	40	1,208	....
. .	School st. . . .	Central st. . . .	Public.	40	1,360	....
. .	Lawrence st. .	Northwesterly . .	Private.	20	....	170
. .	Boston st. . . .	High st.	Public.	50	208	....
. .	Broadway . . .	William st. . . .	Public.	40	563	....
. .	Glen st. . . .	Easterly	Private.	10	....	75
. .	Winthrop ave. .	Cross st.	Private.	40	....	630
. .	Somerville ave. .	Fitchburg R. R. .	Private.	30	....	450
. .	Oak st. . . .	Houghton st. . .	Private.	40	....	500
. .	Cross st. . . .	Walnut st. . . .	Public.	40	1,470	....
. .	Broadway . . .	Jaques st. . . .	Public.	40	640	....
. .	Washington st. .	Columbus ave. . .	Public.	40	450	....
. .	Medford line .	Mystic river . .	Public.	60	910	....

Table Showing the Location, Length, and Width of Public and Private Streets.—Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Boston ave	Broadway	Medford line	Public.	50	80	....
Boston ave.	Cedar st.	Broadway	Private.	50	....	1,120
Boston	Washington st.	Prospect Hill ave.	Public.	45	630	....
Boston	Prospect Hill av.	Walnut st.	Public.	40	1,250	....
Bow	Union sq.	Wesley sq.	Public.	60	600	....
Bow	Wesley pk.	Somerville ave.	Public.	50	500	....
Bowdoin	Washington st.	Fremont ave.	Public.	40	247	....
Bowdoin	Fremont ave.	Lincoln park	Private.	40	....	94
Bowers ave.	Cottage ave.	Elm st.	Private.	24	....	288
Bow St. pl.	Bow st.	Northwesterly	Private.	40	....	300
Bradford ave.	School st.	Southeasterly	Private.	40	....	150
Bradley	Pearl st.	Walter st.	Public.	40	762	....
Brastow ave.	Lowell st.	Porter st.	Public.	40	686	....
Bristol road	Broadway	Medford line	Private.	40	....	98
Broadway	Charlestown line	Cross st.	Public.	100	2,590	....
Broadway	Cross st.	Marshall st.	Public.	100 to 200	2,060	....
Broadway	Marshall st.	Main st.	Public.	100	1,570	....
Broadway	Main st.	Top of hill	Public.	100 to 90	1,030	....
Broadway	Top of hill	Albion st.	Public.	90	2,540	....
Broadway	Albion st.	Willow ave.	Public.	90 to 70	1,030	....
Broadway	Willow ave.	Paulina st.	Public.	70	3,250	....
Broadway	Paulina st.	Arlington line	Public.	65	3,220	....
Broadway pl.	Broadway	Southwesterly	Private.	22	....	250
Bromfield road	Elm st.	Professors' row	Private.	40	....	1,260
Brook	Glen st.	Cross st.	Public.	40	500	....
Brook	Dover st.	Northerly	Private.	40	....	200
Browning road	Sycamore st.	Central st.	Public.	40	679	....
Buckingham	Beacon st.	Dimick st.	Public.	40	300	....
Burnside ave.	Elm st.	Summer st.	Public.	40	720	....
Caldwell pl.	Washington st.	Southerly	Private.	20	....	210
Calvin	Beacon st.	Dimick st.	Private.	40	....	250
Calvin	Dimick st.	Washington st.	Private.	30	....	395
Cambria	Central st.	Benton road	Public.	40	488	....
Cameron ave.	Holland st.	Cambridge line	Public.	60	1,000	....
Campbell pk.	Meacham st.	Kingston st.	Public.	40	399	....
Campbell Pk. pl.	Kingston st.	Arlington Br. R.R.	Private.	20	....	84
Carlton	Somerville ave.	Lake st.	Public.	40	300	....
Carver	Porter st.	Northwesterly	Private.	40	....	156
Cedar ave.	Cedar st.	Linden ave.	Private.	22	....	290
Cedar St. pl.	Murdock st.	Southwesterly	Private.	20	....	220
Cedar St. pl.	Cedar n'r Elm st.	Southeasterly	Private.	12+	....	80+
Cedar	Elm st.	Broadway	Public.	40	4,150	....
Central	Somerville ave.	Summer st.	Public.	33	1,150	....
Central	Summer st.	Medford st.	Public.	40	2,480	....
Central	Medford st.	Broadway	Public.	45	1,070	....
Centre	Albion st.	B. & L. R. R.	Private.	35	....	200
Chandler	Park ave.	Broadway	Public.	40	1,232	....
Chapel	Elm st.	Chandler st.	Public.	40	273	....
Chapel ct.	Sycamore st.	Northwesterly	Private.	12	....	130
Charles	Washington st.	Asylum grounds	Private.	30	....	200
Charlestown	Allen st.	Easterly	Private.	15	....	400
Charnwood road	Willow ave.	Gordonia road	Public.	40	589	....
Chauncey ave.	Broadway	Mystic ave.	Public.	50	1,320	....
*Chelsea	Mystic ave.	Melrose st.	Private.	50	....	1,390
Cherry	Elm st.	Highland ave.	Public.	45	1,450	....
Chester	Elm st.	Cambridge line	Public.	40	850	....
Chester ave.	Medford st.	Angle	Public.	about 22	220	....
Chester ave.	Angle	Cross st.	Private.	20	....	445
Chester pl.	Chester st.	Northwesterly	Private.	40	....	200
Chestnut	Poplar st.	Southeasterly	Private.	40	....	540
Church	Summer st.	Somerville ave.	Public.	40	560	....
Church (south)	Somerville ave.	Lake st.	Public.	40	340	....
Church St. pl.	Church st. (south)	Northwesterly	Private.	25	....	170
Claremon	Holland st.	Mead st	Public.	40	560	....
Clarendon ave	Broadway	Cambridge line	Private.	40	....	1,210

*Proposed.

Table Showing the Location, Length, and Width of Public and Private Streets.—Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Clark	Newton st.	Lincoln parkway	Private.	35	....	545
Cleveland	Central st.	Elm pl.	Private.	40	....	270
Clifton	Appleton st.	Morrison st.	Public.	40	240	....
Clifton	Morrison st.	Arlington Br. R.R.	Private.	40	....	220
Clyde	Cedar st.	Murdock st.	Private.	30	....	600
College ave.	Broadway	Medford line	Public.	60	1,700	....
Columbia	Glass House ct.	Cambridge line	Private.	40	....	550
Columbia ct.	Columbia st.	Webster ave.	Private.	9	....	150
Columbus ave.	Windham road	Northwesterly	Private.	40	....	73
Columbus ave.	End of above	Walnut st.	Public.	40	1,000	....
Concord ave.	Prospect st.	Leon st.	Public.	40	1,500	....
Concord ave.	Leon st.	Beacon st.	Private.	30	....	470
Congress pl.	Linwood st.	Southwesterly	Private.	16	....	200
Conlon ct.	Columbia st.	Easterly	Private.	20	....	200
Conwell ave.	Curtis st.	Westerly	Private.	40	....	600
Conwell	Highland ave.	Southwesterly	Private.	35	....	360
Cooney	Beacon st.	Line st.	Private.	26	....	220
Cottage ave.	Russell st.	Chester st.	Public.	40	500	....
Cottage circle	Cottage ave	Southwesterly	Private.	25	....	87
Cottage pl.	Washington st.	Northwesterly	Private.	about 11	....	150
Craigie	Somerville ave.	Summer st.	Public.	50	1,250	....
Crescent	Washington st.	Pearl st.	Private.	30 to 38	....	650
Crocker	Highland ave.	Crown st.	Public.	40	528	....
Cross	Medford st.	Broadway	Public.	45	2,650	....
Cross	Broadway	Mystic ave.	Public.	40	1,100	....
Cross St. pl.	Cross st.	Northwesterly	Private.	24	....	150
Crown	Porter st.	Lowell st.	Private.	30	....	700
Curtis ave.	Curtis st.	Northwesterly	Private.	40	....	700
Curtis	Broadway	Medford line	Public.	40	2,300	....
Cutler	Lawrence st.	Northwesterly	Private.	20	....	170
Cutter	Broadway	Webster st.	Public.	40	740	....
Cutter ave.	Summer st.	Highland ave.	Public.	40	430	....
Cypress	Central st.	Beech st.	Public.	40	262	....
Dana	Bonair st.	Pearl st.	Public.	40	690	....
Dane	Somerville ave.	Washington st.	Public.	40	1,270	....
Dane ave.	Dane st.	Easterly	Private.	30	....	600
Dartmouth	Medford st.	Broadway	Public.	40	1,450	....
Day	Elm st.	Cambridge line	Public.	40	940	....
Delaware	Aldrich st.	Pearl st.	Public.	40	451	....
Dell	Glen st.	Tufts st.	Public.	40	466	....
Derby	Temple st.	Grant st.	Public.	40	831	....
Derby	Grant st.	Wheatland st.	Private.	40	....	200
Dexter	Broadway	Medford line	Private.	50	....	25
Dickinson	Springfield st.	Beacon st.	Public.	40	770	....
Dickson	Broadway	Fairmount ave.	Private.	40	....	271
Dimick	Concord ave.	Calvin st.	Private.	40	....	860
Distillhouse	South st.	Cambridge line	Private.	35	....	150
Dix pl.	Linwood st.	Southwesterly	Private.	10	....	100
Dover	Elm st.	Cambridge line	Public.	40	940	....
Dow	North st.	Easterly	Private.	40	....	645
Downer pl.	Downer st.	B. & L. R. R.	Private.	20	....	125
Downer	Nashua st.	Southeasterly	Private.	20	....	120
Dresden circle	Cutter ave.	Westerly	Private.	30	....	133
Durham	Beacon st.	Hanson st.	Private.	40	....	450
Earle	South st.	Fitchburg R. R.	Private.	30	....	322
East Albion	Mt. Vernon ave.	E. of Moreland st.	Private.	25	....	188
East Albion	E. of Moreland st	Medford line	Private.	40	....	490
Eastman pl.	Highland ave.	Southwesterly	Private.	40	....	300
*Edgeworth	Mystic ave.	Melrose st.	Private.	50	....	1,380
Edmands	Broadway	Southwesterly	Private.	40	....	525
Edmonton ave.	Cross st.	Winthrop ave.	Private.	40	....	630
Electric ave.	Curtis st.	Packard ave.	Public.	40	681	....
Eliot	Vine st.	Park st.	Public.	40	260	....
Ellington road	Highland ave.	Northeasterly	Private.	35	....	120
Ellington road	West st.	Northwesterly	Private.	30	....	405

*Proposed.

Table Showing the Location, Length, and Width of Public and Private Streets.—Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Ellsworth	Cross st.	Rush st.	Public.	40	210	....
Elm ct.	Villa ave.	Northwesterly	Private.	18	....	70
Elm pl.	Harvard st.	Easterly & west'ly	Private.	30	....	400
Elm	Somerville ave.	Cherry st.	Public.	63	1,500	....
Elm	Cherry st.	White st.	Public.	63 to 60	330	....
Elm	White st.	Banks st.	Public.	60	660	....
Elm	Banks st.	Beech st.	Public.	60 to 77.5	290	....
Elm	Beech st.	Tenney st.	Public.	77.5 to 60	570	....
Elm	Tenney st.	Medford line	Public.	60	4,300	....
Elmwood	Holland st.	Cambridge line	Private.	40	....	970
Elmwood ter.	Elmwood st.	Easterly	Private.	20	....	190
Elston	Elm st.	Summer st.	Public.	40	396	....
Emerson	Everett st.	Newton st.	Private.	30	....	170
Emery	Fitchburg R. R.	South st.	Private.	30	....	335
Endicott ave.	Broadway	Southwesterly	Private.	40	....	800
Essex	Medford st.	Richdale ave.	Public.	40	232	....
Eustis	Beacon st.	Southwest	Private.	30	....	150
Everett	Webster ave.	Newton st.	Private.	30	....	350
Everett ave.	Cross st.	Dana st.	Public.	40	800	....
Evergreen ave.	Marshall st.	Sycamore st.	Public.	40	1,320	....
Evergreen sq.	Porter st.	Southeasterly	Private.	8	....	200
Fairlee	Cherry st.	Northwesterly	Private.	30	....	150
Fairmount ave.	Curtis st.	Northwesterly	Private.	40	....	700
Fairview ter.	Sycamore st.	Southwesterly	Private.	15	....	173
Fanning ave.	Highland ave.	Lexington ave.	Public.	50	376	....
Farragut ave.	Broadway	Southwesterly	Private.	40	....	840
Fenwick	Broadway	Heath st.	Public.	40	340	....
Fisk ave.	Hinckley st.	Lowell st.	Private.	20 & 25	....	460
Fitchburg ct.	Fitchburg st.	Southeasterly	Private.	10	....	225
Fitchburg	Linwood st.	B. & L. R. R.	Private.	40	....	400
Flint ave.	Flint st.	Northerly	Private.	40	....	200
Flint	Franklin st.	Aldrich st.	Public.	40	1,773	....
Florence	Washington st.	Perkins st.	Public.	40	1,280	....
Florence ter.	Jaques st.	Southwesterly	Private.	20	....	90
Forest	Beacon st.	Cambridge line	Public.	40	150	....
Forster	Sycamore st.	Central st.	Private.	30	....	430
Fosket	Willow ave.	Liberty ave.	Private.	40	....	670
Fountain ave.	Cross st.	Glen st.	Private.	30	....	550
Francesca ave.	Elm st.	Liberty ave.	Public.	40	762	....
Francis	Porter st.	Conwell st.	Private.	30	....	180
Franklin ave.	Washington st.	Franklin st.	Private.	20	....	500
Franklin ct.	Somerville ave.	B. & L. R. R.	Private.	....	....	200
Franklin pl.	Franklin st.	Southeasterly	Private.	15	....	100
Franklin	Broadway	Washington st.	Public.	40+	2,230	....
*Frederick ave.	Willow ave.	Cedar st.	Private.	45	....	1,360
Fremont ave.	Parker st.	Easterly & west'ly	Private.	30	....	235
Fremont	Main st.	Near Mystic ave.	Private.	40	....	1,397
Frost ave.	Somerville ave.	Dane st.	Private.	35	....	550
Garden ct.	Somerville ave.	Fitchburg R. R.	Private.	25	....	370
Garfield ave.	Broadway	Middlesex ave.	Private.	40	....	1,430
Garrison ave.	Broadway	Southwesterly	Private.	40	....	850
George	Broadway	Lincoln ave.	Public.	30	275	....
Gibbens	Central st.	Benton road	Public.	40	492	....
Giles pl.	Walnut st.	Northwesterly	Private.	32.71	....	168
Gill's ct.	Franklin st	Westerly	Private.	10	....	100
Gilman	Cross st.	Walnut st.	Public.	40	1,430	....
Gilman ter.	Pearl st.	Northeasterly	Private.	40	....	360
Gilson ter.	Linden ave.	Northwesterly	Private.	20	....	124
Glass House ct.	Webster ave.	Easterly	Private.	40	....	200
Glen	Broadway	Tufts st.	Public.	40	2,300	....
Glendale ave.	Cameron ave.	Yorktown st.	Private.	40	....	410
Glover circle	Meacham st.	Southeasterly	Private.	20	....	110
Gordonia road	Summer st.	Highland ave.	Private.	40	....	521
Gorham	Holland st.	Howard st.	Public.	40	763	....

*Proposed.

Table Showing the Location, Length, and Width of Public and Private Streets.—Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Gould ave.	Porter st.	Southeasterly	Private.	16	....	156
Grand View ave.	Walnut st.	Vinal ave.	Public.	40	470	....
Granite	Somerville ave.	Osgood st.	Private.	40	....	400
Grant	Broadway	Jaques st.	Public.	40	536	....
Grant	Jaques st.	Mystic ave.	Private.	40	....	814
Greene	Summer st.	Laurel st.	Public.	40	555	....
Greenville	Medford st.	High st.	Public.	40	660	....
Greenwood ter.	Beacon st.	Northeasterly	Private.	25	....	165
Grove	Elm st.	Morrison st.	Public.	40	985	....
Hadley ct.	Franklin st.	Westerly	Private.	20	....	150
Hall ave.	Elm st.	Liberty ave.	Public.	40	926	....
Hall	Cedar st.	Cherry st.	Private.	30	....	350
Hamlet	Highland ave.	Southwesterly	Private.	30	....	400
Hammond	Dickinson st.	Concord ave.	Private.	40	....	273
Hancock	Elm st.	Summer st.	Public.	40	781	....
Hanson ave.	Hanson st.	Easterly	Private.	30	....	252
Hanson	Washington st.	Vine st.	Private.	35	....	750
Harding	South st.	Cambridge line	Private.	30	....	115
Harris	Beacon st.	Cambridge line	Private.	35	....	150
Harrison	Ivaloo st.	Kent st.	Public.	40	644	....
Harrison	Elmwood st.	Southeasterly	Private.	40	....	210
Harvard pl.	Harvard st.	Westerly	Private.	35	....	200
Harvard	Summer st.	Beech st.	Public.	40	650	....
Hathorn	Broadway	Arlington st.	Public.	40	330	....
Hawkins	Somerville ave.	Washington st.	Public.	40	330	....
Hawthorne	Willow ave.	Cutter ave.	Private.	30	....	810
Hayden ter.	Linden ave.	Easterly	Private.	20	....	120
Heath	Temple st.	Bond st.	Public.	45	1,043	....
Heath	Bond st.	Moreland st.	Private.	45	....	750
Henderson	Richardson st.	B. & L. R. R.	Private.	20	....	535
Hennessey ct.	Medford st.	Fisk ave.	Private.	20	....	250
Henry ave.	Highland ave.	Lexington ave.	Private.	40	....	290
Herbert	Chester st.	Day st.	Public.	40	360	....
Hersey	Berkeley st.	Oxford st.	Private.	40	....	230
Highland ave.	Medford st.	Davis sq.	Public.	60	9,100	....
Hill	Broadway	Fairmount ave.	Private.	40	....	286
Hillside ave.	Pearl st.	Southwesterly	Private.	30	....	150
Hillside pk.	Walnut st.	Northwesterly	Private.	40	....	245
Hinckley	Broadway	Lawrence st.	Private.	30	....	430
Hodgdon pl.	Dane ct.	Northeasterly	Private.	about 20	....	150
Holland	Davis sq.	Broadway	Public.	60	2,650	....
Holt's ave.	Oak st.	Southeasterly	Private.	10	....	100
Homer sq.	Bonner ave.	Northwesterly	Private.	30+	....	200
Horace	South st.	Fitchburg R. R.	Private.	30	....	510
Houghton	Springfield st.	Cambridge line	Public.	40	653	....
Howard	Thorndike st.	Gorham st.	Private.	40	....	430
Howard	Whipple st.	Willow ave.	Private.	30	....	255
Howe	Marshall st.	School st.	Public.	40	445	....
Hudson	Central st.	Cedar st.	Public.	40	2,760	....
Hunting	South st.	Cambridge line	Private.	30	....	125
Ibbetson	Somerville ave.	Lowell st.	Public.	40	802	....
Irving	Holland st.	Broadway	Public.	40	1,180	....
Ivaloo	Beacon st.	Park st.	Public.	40	650	....
Jackson	Medford st.	Maple st.	Private.	30	....	150
James	Pearl st.	Veazie st.	Public.	40	320	....
Jaques	Chauncey ave.	Temple st.	Public.	40	1,200	....
Jaques	Temple st.	Bond st.	Public.	45	1,050	....
Jasper pl.	Jasper st.	Walnut st.	Private.	20	....	225
Jasper	Pearl st.	Gilman st.	Private.	40	....	300
Jay	Holland st.	Howard st.	Public.	40	534	....
Jenny Lind ave.	Vernon st.	Broadway	Public.	40	1,507	....
Jerome ct.	Sycamore st.	Jerome st.	Private.	10	....	150
Jerome	Montrose st.	Jerome ct.	Private.	20	....	125
Joseph	Newton st.	Lincoln parkway	Public.	40	458	....

Table Showing the Location, Length, and Width of Public and Private Streets.—Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Josephine ave.	Morrison ave.	Broadway	Private.	45	....	1,715
Joy	Washington st.	Poplar st.	Public.	30	1,121	....
Joy St. pl.	Joy st.	Southwesterly	Private.	30	....	175
Kensington ave.	Broadway	Blakeley ave.	Private.	40	....	440
Kent ct.	Kent st.	Northerly	Private.	about 25	....	420
Kent	Somerville ave.	Fitchburg R. R.	Public.	40	292	....
Kent	Fitchburg R. R.	Beacon st.	Public.	25	386	....
Kenwood	Elm st.	Billingham st.	Public.	40	322	....
Kidder ave.	Elm st.	Liberty ave.	Public.	40	625	....
Kidder ave.	Liberty ave.	Willow ave.	Private.	40	....	655
Kilby	Somerville ave.	Southwesterly	Private.	20	....	180
Kimball	Lowell st.	Craigie st.	Private.	40	....	303
Kingman ct.	Washington st.	Fitchburg R. R.	Private.	25	....	400
Kingston	Meacham st.	Cambridge line	Public.	40	647	....
Knapp	School st.	Granite st.	Public.	40	379	....
Knowlton	Oliver st.	Tufts st.	Private.	40	....	925
Lake	Hawkins st.	Church st.	Public.	40	860	....
Lamson ct.	Linwood st.	Poplar st.	Private.	20	....	370
Landers	School st.	Westerly	Private.	40	....	280
Laurel ave.	Laurel st.	Northwesterly	Private.	18	....	125
Laurel	Somerville ave.	Summer st.	Public.	40	940	....
Lawrence	Hinckley st.	B. & L. R. R.	Private.	35	....	650
Lawrence	Boston ave.	Southwesterly	Private.	35	....	710
Lawson ter.	Putnam st.	Easterly	Private.	5	....	200
Lee	Medford st.	Richdale ave.	Public.	40	385	....
Leland	Washington st.	Northeasterly	Private.	40	....	250
Leon	Concord ave.	Dickinson st.	Public.	40	155	....
Leonard pl.	Joy st.	Northeasterly	Private.	13+	....	98
Lesley ave.	Highland ave.	Lexington ave.	Public.	40	333	....
Leslie pl.	Highland ave.	Northerly	Private.	12	....	75
Lester ter.	Meacham st.	Northwesterly	Private.	20	....	190
Lexington ave.	Willow ave.	Cedar st.	Private.	50	....	1,360
Liberty ave.	Hall ave.	Broadway	Public.	40	1,395	....
Liberty ave.	Hall ave.	Appleton st.	Private.	40	....	100
Lincoln ave.	Lincoln st.	Mt. Vernon st.	Public.	40	478	....
Lincoln parkway	Washington st.	Wyatt st.	Public.	40	1,520	....
Lincoln pl.	Lincoln ave.	Northerly	Private.	9	....	120
Lincoln	Broadway.	Perkins st.	Public.	40	550	....
Linden ave.	Elm st.	Summer st.	Public.	45	1,050	....
Linden ave.	Summer st.	Northeasterly	Private.	45	....	250
Linden circle	Linden ave.	Southeasterly	Private.	24	....	120
Linden pl.	Linden ave	Northwesterly	Private.	20	....	160
Linden	Somerville ave.	Fitchburg R. R.	Private.	30	....	705
Line	Washington st.	Cambridge line	Private.	33	....	1 750
Linehan ct.	Linwood st.	Chestnut st.	Private.	about 15	....	200
Linwood pl.	Linwood st.	Southwesterly	Private.	about 12	....	150
Linwood	Somerville ave.	Washington st.	Public.	50	2,050	....
London	Linwood st.	B. & L. R. R.	Private.	40	....	340
Loring	Somerville ave.	Northeasterly	Private.	40	....	400
Louisburg pl.	Autumn st.	Easterly	Private.	13	....	90
Lovell	Broadway	Electric ave.	Private.	40	....	385
Lowden ave.	Broadway	Fosket st.	Private.	40	....	1,205
Lowell	Somerville ave.	Crown st.	Private.	33+	....	1,608
Lowell	Crown st.	Albion st.	Public.	40	972	....
Lowell	Albion st.	L. & A. Br'ch R. R.	Private.	40	....	540
Lowell	B. & L. R. R.	Vernon st.	Private.	33+	....	60
Lowell	Vernon st.	Medford st.	Public.	40	1,141	....
Lowell ter.	Lowell st.	Northwesterly	Private.	20	....	150
Madison	School st.	Sycamore st.	Public.	40	891	....
Main	Broadway	Medford line	Public.	50	950	....
*Malden	Mystic ave.	Melrose st.	Private.	50	....	1,360
Mallet	Willow ave.	Liberty ave.	Private.	40	....	580

* Proposed.

Table Showing the Location, Length, and Width of Public and Private Streets.—Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Malloy ct.	Somerville ave.	Merriam st.	Private.	30	....	255
Malvern ave.	Cameron ave.	Yorktown st.	Private.	40	....	410
Manila road	Beacon st.	Sacramento st.	Private.	40	....	408
Mansfield	Somerville ave.	Washington st.	Private.	40	....	730
Maple ave.	School st.	Southeasterly	Private.	40	....	300
Maple pl.	Marshall st.	Maple ave.	Private.	5	....	125
Maple	Poplar st.	Jackson st.	Private.	30	....	470
Marion	Concord ave.	So. Wyatt st.	Public.	40	529	....
Marion	So. Wyatt st.	Northwesterly	Private.	40	....	182
Marshall	Broadway	Pearl st.	Public.	40	1,650	....
May pl.	Hawkins st.	Easterly	Private.	12	....	100
McCulphe pl.	Medford st.	Easterly	Private.	10	....	110
McGregor ave.	Wigglesworth st.	Walnut st.	Private.	about 10	....	250
Meacham	Arlington B.R.R.	Cambridge line	Public.	40	658	....
Meacham	Mt. Vernon ave.	Medford line	Private.	40	....	800
Mead	Cameron ave.	Moore st.	Private.	40	....	340
Medford	Cambridge line	Central	Public.	50	8,150	....
Medford	Central st.	Broadway	Public.	55	1,950	....
Melburn pl.	Summer st.	Northeasterly	Private.	30	....	125
Melledew ct.	Belmont st.	Easterly	Private.	15	....	137
Melrose	Mystic ave.	Middlesex ave.	Private.	50	....	2,310
Melvin	Broadway	Bonair st.	Public.	40	487	....
Merriam ave.	Merriam st.	Malloy ct.	Private.	15	....	255
Merriam	Somerville ave.	Charlestown st.	Private.	30	....	500
Middlesex ave.	Mystic ave.	Medford line	Public.	60	3,400	....
Milk pl.	Somerville ave.	Southwesterly	Private.	about 30	....	100
Miller	Sacramento st.	Northwesterly	Private.	33	....	350
Milton	Orchard st.	Cambridge line	Private.	35	....	220
Miner	Vernon st.	Ames st.	Public.	40	244	....
Mondamin ct.	Ivaloo st.	Harrison st.	Private.	25	....	250
Monmouth	Central st.	Westerly	Public.	40	267	....
Monmouth	End of above	Harvard st.	Private.	35	....	200
Montgomery ave.	Broadway	Wellington ave.	Public.	40	265	....
Montrose ct.	Montrose st.	B. & L. R. R.	Private.	12	....	110
Montrose	School st.	Sycamore st.	Public.	40	886	....
Moore	Holland st.	Mead st.	Public.	40	695	....
Moreland	Main st.	Mystic ave.	Private.	40	....	1,513
Morgan	Beacon st.	Park st.	Public.	40	350	....
Morrison ave.	Willow ave.	Cedar st.	Private.	50	....	1,366
Morrison pl.	Morrison st.	Northerly	Private.	20	....	190
Morrison pl.	Morrison pl.	Easterly	Private.	15	....	175
Morrison	Willow ave.	Elm st.	Public.	40	1,700	....
Mortimer pl.	Marshall st.	Walter st.	Private.	20	....	280
Morton	Glen st.	Knowlton st.	Public.	40	287	....
Mossland	Somerville ave.	Elm st.	Public.	40	350	....
Mountain ave.	Linden ave.	Porter st.	Private.	22	....	310
Mousal pl.	North Union st.	B. & M. R. R.	Private.	20	....	200
Mt. Pleasant ct.	Perkins st.	Southwesterly	Private.	40	....	260
Mt. Pleasant	Broadway	Perkins st.	Public.	33	570	....
Mt. Vernon ave.	Main st.	Meacham st.	Private.	50	....	800
Mt. Vernon	Washington st.	Pearl st.	Public.	40	600	....
Mt. Vernon	Pearl st.	Perkins st.	Public.	50	450	....
Mt. Vernon	Perkins st.	Broadway	Public.	40	600	....
Munroe	Walnut st.	Easterly	Public.	40	375	....
Munroe	End of above	Boston st.	Private.	50	....	1,100
Murdock	Cedar st.	Clyde st.	Private.	30	....	900
Murray	Washington st.	Southerly	Private.	30	....	250
Museum	Beacon st.	Cambridge line	Private.	40	....	170
Myrtle ct.	Myrtle st.	Easterly	Private.	10	....	100
Myrtle	Washington st.	Perkins st.	Public.	40	1,400	....
Mystic ave.	Charlestown line	Union st.	Public.	60	350	....
Mystic ave.	Union st.	Medford line	Public.	66	6,900	....
Mystic	Washington st.	Somerville ave.	Public.	40	360	....
Mystic	Benedict st.	Mystic ave.	Private.	40	....	330
Nashua	Richardson st.	B. & L. R. R.	Private.	35	....	640
Nevada ave.	Village st.	Hanson st.	Private.	20	....	200

Table Showing the Location, Length, and Width of Public and Private Streets.—Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Newberne	Appleton st.	Morrison st.	Public.	40	200	....
Newbury	Holland st.	Cambridge line	Public.	40	1,250	....
Newman pl.	Cedar st.	Southeasterly	Private.	10+	....	100
Newton pl.	Newton st.	Easterly	Private.	about 10	....	100
Newton	Prospect st.	Webster ave.	Public.	25	470	....
Newton	Webster ave.	Concord ave.	Public.	40+	650	....
Norfolk	Webster ave.	Cambridge line	Public.	40	200	....
North	Broadway	Medford line	Public.	40	2,550	....
North Union	Mystic ave.	Northeasterly	Private.	30	....	600
Norton	Nashua st.	Southeasterly	Private.	20	....	200
Norwood ave.	Broadway	Medford st.	Public.	40	350	....
Oak	Prospect st.	Angle	Public.	40	670	....
Oak	Angle	Cambridge line	Public.	30	563	....
Oak St. pl.	Oak st.	Northerly	Private.	4	....	85
Oakland ave.	Marshall st.	School st.	Public.	40	440	....
Olive ave.	Linden ave.	Southeasterly	Private.	25	....	155
Olive sq.	Lake st.	Southerly	Private.	about 15	....	100
Oliver	Franklin st.	Cross st.	Public.	40	1,050	....
Orchard	Cambridge line	Meacham st.	Public.	40	1,625	....
Osgood	Granite st.	Easterly & west'ly	Private.	40	....	450
Otis	Cross st.	Wigglesworth st.	Public.	40	1,200	....
Oxford	School st.	Central st.	Public.	35	1,361	....
Oxford	Beacon st.	Cambridge line	Public.	50	100	....
Packard ave.	Broadway	Medford line	Private.	60	....	2,000
Palmer ave.	Franklin st.	Northwesterly	Private.	20	....	200
Park ave.	Elm st.	Wallace st.	Public.	40	450	....
Park pl.	Laurel st.	Easterly	Private.	30	....	220
Park pl.	Park pl.	Northeasterly	Private.	20	....	150
Park	Somerville ave.	Beacon st.	Public.	50	1,300	....
Parker pl.	Porter st.	Northwesterly	Private.	20	....	150
Parker	Washington st.	Fremont ave.	Private.	35	....	200
Partridge ave.	Vernon st.	Broadway	Public.	40	1,457	....
Patten ct.	Cutter st.	Southeasterly	Private.	8	....	100
Paulina	Broadway	Holland st.	Private.	40	....	775
Pearl	Crescent st.	Mt. Vernon st.	Public.	40	300	....
Pearl	Mt. Vernon st.	Franklin st.	Public.	50	950	....
Pearl	Franklin st.	Cross st.	Public.	40	1,025	....
Pearl	Cross st.	Medford st.	Public.	50	2,475	....
Pearl St. pl.	Pearl st.	Northeasterly	Private.	20	....	200
Pearl ter.	Pearl st.	Northerly	Private.	23	....	161
Pearson ave.	Morrison ave.	Boston ave.	Private.	45	....	1,300
Pearson road	Broadway	Professors' row	Private.	40	....	1,654
Pembroke ct.	Pembroke st.	Southwesterly	Private.	25	....	130
Pembroke	Central st.	Sycamore st.	Private.	40	....	440
Perkins pl.	Perkins st.	Northeasterly	Private.	20	....	200
Perkins	Franklin st.	Charlestown line	Public.	40	1,350	....
Peterson ter.	Porter	Northwesterly	Private.	13+	....	155
Pinckney pl.	Pinckney st.	Southeasterly	Private.	24	....	125
Pinckney	Washington st.	Perkins st.	Public.	40	1,170	....
Pitman	Beech st.	Spring st.	Private.	30	....	380
Pitman	Spring st.	Belmont st.	Private.	26	....	390
Pleasant ave.	Walnut st.	Vinal ave.	Public.	40	470	....
Poplar ct.	Poplar st.	Southeasterly	Private.	10	....	80
Poplar	Somerville ave.	Linwood st.	Private.	30	....	350
Poplar	Linwood st.	Joy st.	Private.	35	....	300
Porter ave.	Porter st.	Northwesterly	Private.	20	....	220
Porter pl.	Porter st.	Northwesterly	Private.	20	....	195
Porter	Elm st.	Mountain ave.	Public.	45	1,530	....
Porter	Mountain ave.	Highland ave.	Public.	40	425	....
Powder house boulevard	Powder house square	Northwesterly, Mystic river and Medford line	Public.	80	7,200	....
Prescott	Summer st.	Highland ave.	Public.	50	1,050	....
Preston	School st.	Summer st.	Public.	40	800	....
Prichard ave.	Morrison ave.	Boston ave.	Private.	40	....	1,145

Table Showing the Location, Length, and Width of Public and Private Streets.—Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Princeton	Alpine st.	Lowell st.	Public.	40	657	....
Princeton	Lowell st.	Centre st.	Private.	40	....	540
Professors' row	Boston ave.	College ave.	Private.	50	....	460
Professors' row	College ave.	Curtis st.	Private.	40	....	1,900
Prospect	Washington st.	Cambridge line	Public.	50	2,050	....
Prospect Hill av.	Medford st.	Munroe st.	Public.	40	450	....
Prospect pl.	Prospect st.	E. Newton st.	Private.	20	....	130
Putnam	Summer st.	Highland ave.	Public.	50	1,240	....
Quincy	Somerville ave.	Summer st.	Public.	40	700	....
Randolph pl.	Cross st.	Westerly	Private.	15	....	244
Raymond ave.	Curtis st.	North st.	Public.	40	1,345	....
Record's pl.	Broadway	Southwesterly	Private.	10	....	110
Reed's ct.	Oliver st.	Southwesterly	Private.	20	....	105
Remick ct.	Cutter st.	Southeasterly	Private.	10	....	100
Richardson	Lowell st.	Lawrence st.	Private.	35	....	480
Richardson ter.	Richardson st.	Northeasterly	Private.	20	....	135
Richdale ave.	School st.	Sycamore st.	Public.	40	875	....
Richmond hi'h'ds	Madison st.	Southerly	Private.	30	....	150
Roberts	Lawrence st.	Northwesterly	Private.	20	....	170
Robinson	Central st.	Bartlett st.	Public.	40	582	....
Rogers ave.	Morrison ave.	Broadway	Private.	45	....	1,700
Roseland	Beacon st.	Cambridge line	Public.	40	100	....
Rossmore	Somerville ave.	Washington st.	Public.	40	534	....
Royce pl.	Bonair st.	Northeasterly	Private.	15+	....	175
Rush	Broadway	Flint st.	Public.	40	1,400	....
Russell road	Broadway	North st.	Private.	40	....	1,193
Russell	Elm st.	Cambridge line	Public.	40	700	....
Sacramento	Somerville ave.	Fitchburg R. R.	Public.	40	80	....
Sacramento	Fitchburg R. R.	Beacon st.	Public.	40	290	....
Sacramento	Beacon st.	Cambridge line	Private.	40	....	156
Sanborn ave.	Warren ave.	Walnut st.	Public.	40	280	....
Sargent ave.	Broadway	Walnut st.	Public.	40	1,082	....
Sartwell ave.	Cedar st.	Cherry st.	Private.	35	....	400
Sawyer ave.	Packard ave.	Curtis st.	Private.	40	....	690
School	Somerville ave.	Highland ave.	Public.	40	1,870	....
School	Highland ave.	Broadway	Public.	50	2,500	....
Sellon pl.	Marshall st.	Northwesterly	Private.	12	....	120
Seven Pines ave	Cameron ave.	Cambridge line	Private.	40	....	80
Sewall ct.	Sewall st.	Southwesterly	Private.	25	....	190
Sewall	Grant st.	Temple st.	Public.	40	615	....
Shawmut pl.	Shawmut st.	Alston st.	Private.	30	....	200
Shawmut	Washington st.	Cross st.	Public.	40	550	....
Shedd	Somerville ave.	Merriam ave.	Private.	40	....	310
Sherman pl.	Sargent ave.	Marshall st.	Private.	10	....	250
Sherman	Somerville ave.	Frost ave.	Private.	35	....	270
Sibley ct.	Cutter st.	Northwesterly	Private.	10	....	100
Sibley pl.	Cutter st.	Northwesterly	Private.	10	....	100
Simpson ave.	Broadway	Holland st.	Private.	40	....	825
Skehan	Dane st.	Durham st.	Private.	30	....	720
Smith ave.	Beacon st.	Line st.	Private.	25+	....	200
Snow pl.	Belmont st.	Easterly	Private.	30	....	75
Snow pl.	Snow pl.	N'th'ly and S'th'y.	Private.	20	....	222
Snow ter.	Jaques st.	Southwesterly	Private.	16	....	120
Somerville ave.	E. Camb. line	Union sq.	Public.	75	4,300	....
Somerville ave.	Union sq.	N. Camb. line	Public.	70	6,800	....
South	Medford st.	Westerly	Private.	30	....	940
Southwick ave.	Morrison ave.	Boston ave.	Private.	40	....	990
Spencer ave.	Cedar st.	Fanning ave.	Private.	40	....	727
Spring ct.	Somerville ave.	Westerly	Private.	20	....	200
Spring	Somerville ave.	Summer st.	Public.	40	1,200	....
Springfield	Concord ave.	Cambridge line	Public.	40	800	....
Spring Hill ter.	Highland ave.	Belmont st.	Private.	20	....	670
Stanford ter.	Beacon st.	Northeasterly	Private.	20	....	200
Stickney ave.	Marshall st.	School st.	Public.	40	458	....
St. James ave.	Elm st.	Summer st.	Public.	40	488	....

Table Showing the Location, Length, and Width of Public and Private Streets.—Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Stone ave.	Union sq.	Columbus ave.	Public.	40	676	....
Stone pl.	Stone ave.	Southeasterly	Private.	30	....	145
Summer	Bow st.	Elm st.	Public.	45	7,700	....
Summit ave.	Walnut st.	Vinal ave.	Public.	45	470	....
Summit	Elm st.	Billingham st.	Public.	40	262	....
Sumner	Lawrence st.	Northwesterly	Private.	20	....	175
Sunnyside ave.	Walnut st.	Wigglesworth st.	Private.	35	....	250
Sycamore	Broadway	Medford st.	Public.	45	1,250	...
Sycamore	Medford st.	Richdale ave.	Private.	40	....	550
Sycamore	Richdale ave.	Highland ave.	Private.	33	....	600
Sydney	Wheatland st.	Temple st.	Private.	40	....	925
Talbot ave.	Packard ave.	College ave.	Private.	50	....	1,409
Taunton.	So. Wyatt st	Easterly to angle	Private.	30	....	170
Taunton	Angle	Marion st.	Private.	20	....	95
Taylor pl.	Somerville ave.	Southerly	Private.	15	....	200
Taylor	Mystic ave.	Sydney st.	Private.	40	....	310
Temple	Broadway	Mystic ave.	Public.	66	1,540	....
Tenney ct.	Mystic ave.	Northeasterly	Private.	30	....	400
Tennyson	Forster st.	Pembroke st.	Public.	40	869	....
Thorndike	Holland st.	Arl'ngt'n Br. R. R.	Public.	40	465	....
Thorndike	Arl'gt'n Br. R. R.	Kingston st.	Private.	40	....	115
Thorpe pl.	Highland ave.	Southwesterly	Private.	30	....	450
Thurston	Broadway	Richdale ave.	Public.	40	1,660	....
Tower ct.	Tyler st.	Northeasterly	Private.	25	....	150
Tower	Crown st.	Highland ave.	Public.	40	559	....
Tremont pl.	Tremont st.	Southeasterly	Private.	about 10	....	75
Tremont	Webster ave.	Cambridge line	Public.	40	589	....
Trull	Vernon st.	Medford st.	Public	40	1,050	....
Trull lane	Highland ave.	Oxford st.	Private.	15	....	200
Tube Works ct.	Somerville ave.	Southwesterly	Private.	20	....	150
Tufts	Washington st.	Cross st.	Public.	40	940	....
Tyler	Vine st.	Dane st.	Public.	40	494	....
Unnamed st.	P'wd'r h'se blvd.	Southwesterly	Private.	40	....	183
Unnamed st.	Mystic ave	Middlesex ave.	Private.	40	....	433
Unnamed st.	Mystic ave.	Middlesex ave.	Private.	40	....	583
Unnamed st.	Mystic ave.	Middlesex ave.	Private.	40	....	706
Union	Broadway	Mystic ave.	Public.	40	330	....
Union pl.	Linwood st.	Southwesterly	Private.	10	....	100
Veazie	Walnut st.	Bradley st.	Private.	40	....	650
Vernon	Central st.	Jenny Lind ave.	Public.	40	740	....
Vernon	Jenny Lind ave.	Lowell st.	Private.	30	....	600
Victoria	Broadway	Cambridge line	Private.	40	....	1,036
Villa ave.	Winslow ave.	Arlington B. R. R.	Private.	35	....	200
Village	Dane st.	Vine st.	Private.	25	....	370
Vinal ave.	Summer st.	Highland ave.	Public.	45	1,400	....
Vinal	Richardson st.	Northeasterly	Private.	20	....	200
Vine ct.	Vine st.	Northwesterly	Private.	25	....	140
Vine	Somerville ave.	Hanson st.	Private.	40	....	780
Vine	Hanson st.	Beacon st.	Private.	25	....	650
Virginia	Aldrich st.	Jasper st.	Public.	40	405	....
Wade ct.	Cedar st.	Westerly	Private.	20	....	180
Waldo ave.	Beacon st.	Dimick st.	Private.	40	....	277
Waldo	Highland ave.	Hudson st.	Public.	40	287	....
Wallace	Holland st.	Broadway	Public.	40	1,350	....
Walnut	Bow st.	Broadway	Public.	40	3,830	....
Walter pl.	Walter st.	Southwesterly	Private.	40	....	222
Walter	Walnut st.	about 100 ft. N. of Bradley st.	Public.	40	548	....
Ward	Medford st.	Earl st.	Private.	30	....	610
Ware	Curtis st.	Northwesterly	Private.	40	....	700
Warren ave.	Union sq.	Columbus ave.	Public.	40	650	....
Warren	Medford st.	Cambridge line	Private.	30	....	100
Warwick ave.	Warwick st.	Northeasterly	Private	15	....	150

Table Showing the Location, Length, and Width of Public and Private Streets.—Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Warwick	Cedar st.	Warwick ave.	Public.	40	655	....
Washington ave.	Washington st.	Northerly	Private.	18	....	350
Washington	Charlest'n line	Franklin ave.	Public.	75	1,060	....
Washington	Franklin ave.	Fitchburg R. R.	Public.	60 to 100	3,870	....
Washington	Fitchburg R. R.	Cambridge line	Public.	60	2,380	....
Water	South st.	Northerly	Private.	25	....	250
Waterhouse	Broadway	Cambridge line	Private.	40	....	986
Watson	Broadway	Fairmount ave.	Private.	40	....	236
Waverly	Washington st.	Southerly	Private.	35	....	200
Webster ave.	Union sq.	Cambridge line	Public.	49.5	1,950	....
Webster	Franklin st.	Cross st.	Public.	40	1,[illegible]00	....
Wellington ave.	Walnut st.	Montgomery ave.	Public.	40	215	....
Wellington ave.	Montgomery ave.	Easterly	Private.	40	....	85
Wesley pk.	Wesley sq.	Northeasterly	Public.	40	405	....
Wesley	Pearl st.	Otis st.	Public.	40	515	....
West	Broadway	Heath st.	Private.	30	....	250
West	Hawthorne st.	Arlington B. R. R.	Private.	30	....	460
Westminster	Broadway	Electric ave.	Public.	40	376	....
Weston ave.	Clarendon ave.	Broadway	Private.	40	....	525
Westwood road	Central st.	Benton road	Public.	40	489	....
Wheatland	Broadway	Jaques st.	Public.	40	495	....
Wheatland	Jaques st.	Mystic ave.	Private.	40	....	855
Wheeler	Pinckney st.	Mt. Vernon st.	Public.	40	269	....
Whipple	Hawthorne st.	Arlington B. R. R.	Private.	30	....	575
White	Elm st.	Cambridge line	Private.	20	....	300
White St. pl.	White st.	Southeasterly	Private.	20	....	200
Wigglesworth	Bonair st.	Pearl st.	Public.	40	740	....
William	Chandler st.	Elm st.	Public.	40	381	....
William	Broadway	Medford line	Private.	50	....	45
Williams ct.	Porter st.	Northwesterly	Private.	30	....	150
Willoughby	Central st.	Sycamore st.	Private.	30	....	400
Willow ave.	Elm st.	Broadway	Public.	50	3,440	....
Willow pl.	Cambridge line	South st.	Private.	25	....	150
Wilson ave.	Broadway	B. & L. R. R.	Private.	20	....	310
Wilton	Lowell st.	Lawrence st.	Private.	35	....	470
Winchester	Broadway	Medford line	Private.	40	....	65
Windham road	Washington st.	Northeasterly	Private.	40	....	335
Windom	Elm st.	Summer st.	Public.	40	300	....
Windsor road	Gordonia road	Willow ave.	Private.	40	....	575
Winslow ave.	Elm st.	Clifton st.	Public.	40	1,086	....
Winter	Elm st.	Holland st.	Private.	30	....	430
Winter Hill cir.	Broadway	Northeasterly	Private.	25	....	177
Winthrop ave.	Broadway	Mystic ave.	Public.	50	1,170	....
Woodbine	Centre st.	Lowell st.	Private.	30	....	600
*Woods ave.	North st.	Alewife Brook	Private.	40	....	1,350
Woodstock	Victoria st.	Alewife Brook	Private.	40	....	415
Wyatt ct.	South Wyatt st.	Westerly	Private.	13	....	200
Wyatt pl.	Wyatt st.	Westerly	Private.	10	....	70
Wyatt (South)	Concord ave.	Lincoln parkway	Public.	40	496	....
Wyatt (North)	Washington st.	Lincoln parkway	Public.	40	606	....
Yorktown	100 ft. north of Malvern ave.	Cambridge line	Private.	40	....	548

* Proposed

Table Showing the Location, Length, and Width of Public and Private Streets.—Concluded.

UNNAMED STREETS.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Court	16 Craigie st. .	Westerly . . .	Private.	25	....	126
Court	26 Craigie st. .	Westerly . . .	Private.	25	....	126
Court	36 Craigie st. .	Westerly . . .	Private.	25	....	126
Court	292 Broadway .	Southwesterly . .	Private.	15	....	96
Court	58 Dane st. . .	Easterly	Private.	10	....	70
Court	66 Lowell st. .	Westerly . . .	Private.	25	....	101
Court	78 Lowell st. .	Westerly . . .	Private.	25	....	101
Court	Olive ave. . .	Porter st. . .	Private.	7.5	....	156
Court	10 Stone ave .	Northwesterly . .	Private.	20	....	113
Court	21 Albion st . .	Northeasterly . .	Private.	10	....	100
Court	227 Columbia st.	Northwesterly . .	Private.	10	....	117
Court	11 Albion st. .	Northeasterly . .	Private.	9	....	170
Court	20 Dimick st. .	Southwesterly . .	Private.	39.25	....	136
Court	255 Wash'gt'n st.	Northwesterly . .	Private.	30	....	176
Total . . .	. . . . .	. . . . .	. . . .	. . .	317,490	161,622

Public, 60.11 miles; private, 30.59 miles.

27th Annual Report

of the

City Engineer

of the

City of Somerville

Massachusetts

1900

TWENTY-SEVENTH

ANNUAL REPORT

OF THE

CITY ENGINEER

OF THE

CITY OF SOMERVILLE

MASSACHUSETTS

FOR THE YEAR 1900

SOMERVILLE JOURNAL PRINT
1901

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REPORT OF THE CITY ENGINEER.

OFFICE OF THE CITY ENGINEER,
CITY HALL, SOMERVILLE, January 26, 1901.

To His Honor, the Mayor, and the Board of Aldermen:—

Gentlemen.—In accordance with the provisions of the City Charter, the following report of the work done and expense incurred for the year ending December 31, 1900, by the departments under my charge and supervision, including Engineering, Sewers, Public Grounds, and other public works, is herewith presented.

BOARD OF PUBLIC WORKS.

The past year's work was the first under the new city charter, which provides for a board of public works, consisting of the mayor and heads of the five departments having charge of construction work.

This board met monthly throughout the year, and discussed and reported the progress of the various lines of work being constructed under orders passed by the Board of Aldermen.

ENGINEERING DEPARTMENT.

Under the new city charter and ordinances, the duties of the City Engineer include the designing and superintending of the construction of sewers, boulevards, parks, bridges, and such other public engineering works as may be authorized; the making of such surveys, plans, estimates, descriptions and specifications and contracts for work as the Mayor, Board of Aldermen, or any committee or department may require; the custody of all surveys, plans, and profiles; and all data relating to the laying-out, widening, or discontinuing of streets; and the new engineering construction for all departments of the city. He must be consulted on all work where the advice of a civil engineer would be of service; and no structure of any kind can be placed upon, beneath, or above any street by any department of the city, individual, or corporation, until approved by him, and a plan furnished showing the location.

During the year, twenty-two assistants have been employed in the department as engineers on the various works of construction, eleven permanently, and others as the work required.

Statement of Expense, 1900, Engineer's Department.

Salary City Engineer (including maintenance of team)	$2,500 00	
Salaries of assistants	8,808 38	
Stakes, tools, and general supplies (outside work)	248 66	
Draughting materials and office supplies (inside work)	293 57	
Car fares	225 96	
Expressing, telephone, and incidentals	101 35	
Total expenditure in the department		$12,177 92
Appropriation	$11,500 00	
Credit by Contingent fund, house numbering	42 00	
Somerville Electric Light Co., work done	34 40	
Cambridge Gas Light Co., work done	13 40	
Boston Elevated Railway Co., work done (uncollected)	107 80	
Powder House Boulevard Account, inspection	300 00	
Highways, Boston-avenue Bridge Account, inspection	225 00	
Highways, Paving Davis Square Account, inspection	87 40	
		12,310 00
Balance unexpended		$132 08

Classification of Expenditures, Assistants' Salaries.

Sewers—comprising surveys, estimates, profiles, lines, grades, titles, plans, assessments, and all engineering work relating to sewers	$2,245 89
Highways — comprising plans, estimates, titles, profiles, lines and grades, and all other engineering relating to the department	510 17
Sidewalks — comprising profiles, lines, grades, measurements, titles, costs, and assessments	1,100 99
Water Works—comprising lines, grades, locations of mains, gates, hydrants and services, and other matters relating to water department	498 31
Public Grounds—comprising surveys, plans, estimates, profiles, and grades, including laying out of parks and grounds	190 51
Public Buildings—comprising surveys, estimates, lines, grades, and other work relating to construction	38 71
Street Numbering—comprising locations of buildings, plans, and affixing street numbers on houses	140 40
Amount carried forward	$4,724 98

Amount brought forward	$4,724 98	
Street Lines and Grades—comprising establishing of lines, grades, and miscellaneous data given parties for building and grading	190 98	
Middlesex Registry—comprising copying of plans and abstracts from deeds filed, and examination of titles . . .	177 33	
City Survey—comprising lines, angles, and measurements, calculations of traverses, and locations of division lines and buildings	391 43	
Bridges—comprising surveys, calculations, plans, lines and grades for construction, and general supervision of work	719 54	
Powder House Boulevard—comprising surveys, calculations, taking of land plans, construction plans, profiles, deeds, and general engineering work in laying out and constructing	787 22	
Boston Elevated Railway Co.—comprising grades, plans, profiles, and office notes	222 01	
Electric Light Co. and Telephone and Telegraph Co.—comprising lines, plans, locations of poles and conduits, and office notes	39 81	
Gas Light Companies—comprising lines, locations, and office notes . . .	32 91	
Grade Crossings—comprising miscellaneous data, plans and profiles . . .	170 59	
Office Work—comprising records of all locations, indexing, typewriting, calculations, and general draughting . .	821 84	
Miscellaneous Work—comprising preliminary surveys, designs, sketches, etc., relating to various schemes for different committees	150 74	
Vacations and Sickness	379 00	
Total		$8,808 38

Records and Value of Instruments.

Note books, sewer permit books, and deed books	215
Plans, including sewers, highways, parks, house lots, etc.	5,070
Value of field instruments, tools, and office instruments	$1,370 00

Considerable of the engineering work is so closely allied with work in the Highway Department that it is carried on in conjunction, and under the Engineering Department is a report of the work done, jointly.

During the past year locations, lines, and grades have been given for tracks of the West End Street Railway Company in Broadway, from the top of Winter hill to Clarendon hill, and from North street to Alewife brook; in College avenue and a por-

tion of Boston avenue; in Pearl and Medford streets, from Cross street to Magoun square; and in Davis square,—a total length of 31,600 feet. There are 28.8 miles of street railway tracks within the city limits at the present time.

Sixty-one orders were passed by the Board of Aldermen for constructing sidewalks, which required the giving of lines and grades for setting 40,611 feet (7.7 miles) of edgestone and for laying 7,314 square yards (1.8 miles) of brick sidewalk, during the season. The average cost of setting edgestone and constructing a gravel sidewalk was $0.71 per linear foot, and for constructing a brick sidewalk $0.95 per square yard.

Twelve streets in the city have been accepted as public ways, a length of 1.6 miles; these streets were laid out and are to be constructed under the betterment act, in some cases land being taken for the widening of the street, and the abutters being assessed their proportion of the cost.

The length of public streets in the city is 61.74 miles. All assessments for sidewalks and street betterments have been computed and statements made out showing the owners and amounts to be assessed on the property benefited.

Estates encroaching on the sidewalk on Broadway from Jenny Lind avenue westerly have been put to the proper line and grade by the setting of edgestone and construction of sidewalks, on both sides, the entire length of the street; also on Beacon street a new retaining wall, 570 feet long, with an average height of seven feet, has been built in front of the Norton estate, where an old wall has been an encroachment in the roadway for many years.

Several streets in the city have been re-numbered and numbers placed on all buildings in the city previous to May 1, 1900, for the convenience of the assessors' department in locating property assessed.

One hundred and forty-seven street lines and grades have been given on applications to build on various streets.

Considerable data has been acquired and a petition has been presented to the superior court for the abolition of grade crossings on the line of the Fitchburg railroad in this city.

Lines have been given and locations made for 24,293 feet of water mains, with hydrants and gates, and 238 water services, and recorded for future reference.

Streets Accepted in 1900, and to be Laid Out Under the Betterment Act.

Name of Street.	Ward.	From	To	Width in Feet.	Length in Feet.
Columbia . . .	2	Webster ave. .	Cambridge line	41	816
Edmands . . .	4	Broadway . .	near Bonair st. .	40	376
Foskett	7	Willow ave. . .	Liberty ave. .	40	668
Hall	6	Cedar st. . . .	Cherry st. . .	30	456
Lowell	6	Somerville ave.	Summer st. . .	36	1,259
Mansfield . . .	2	Somerville ave.	Washington st.	40	735
Meacham (Ext'n)	7	Meacham st. .	Dover st. . .	40	402
Morrison ave. .	6	Willow ave. . .	Cedar st. . .	50	1,366
*South . . .	2	Medford st. . .	Water st. . .	30	989
Sycamore . . .	5	Medford st. . .	Bost. & Lo'll R.R.	40	582
White	6	Elm st. . . .	Cambridge line	Sidew'k in Som'v.	307
Windsor road .	6	Willow ave . .	Gordonia road .	40	575
Total . . .	. .	. . . . .	. . . . .	. . .	8,531

* No assessments to be levied.

Length of Accepted Streets in Each Ward.

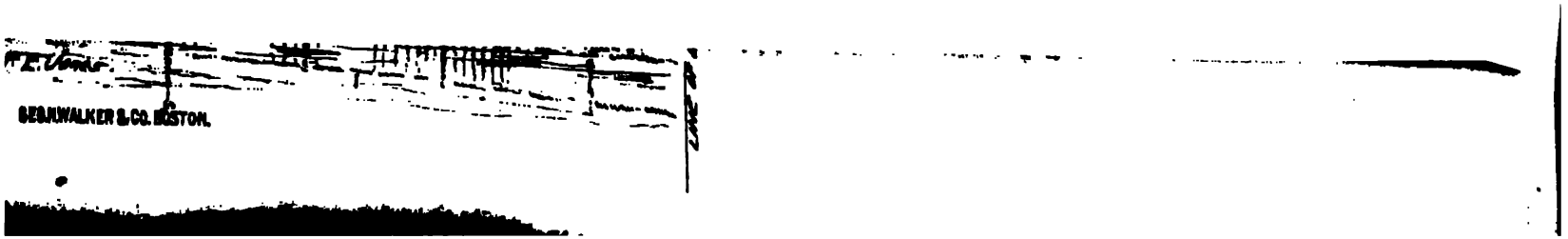
	Miles.
Ward One	8.50
Ward Two	6.98
Ward Three	6.10
Ward Four	7.87
Ward Five	9.91
Ward Six	9.96
Ward Seven	12.42
Total length of accepted streets in the city . .	61.74

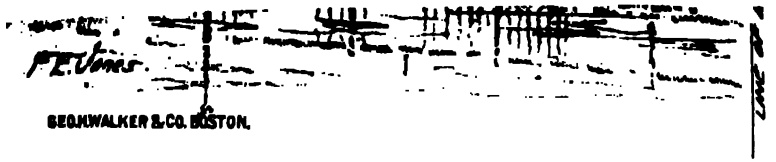
Twenty-six orders were passed by the Board of Aldermen for constructing sewers in various parts of the city, for which the Engineering Department gave lines, grades, and miscellaneous data, and made plans showing details of construction and estates for assessment.

Boston Avenue Bridge. The granting of a new line of double track location to the West End Street Railway Company on Boston avenue necessitated the constructing of a new bridge over Mystic river, connecting North Somerville and West Medford, where an old wooden structure has been used for many years.

The mayors and highway committees of the two cities, after considering a number of designs and estimates of cost, voted to construct a bridge according to a plan presented by Somerville, and to be built under our supervision.

Bids were received from nine contractors, ranging from $17,300 to $25,949, the contract being awarded to Holbrook,


SES&WALKER & CO. BOSTON.


F.E. Evans
GEO. H. WALKER & CO. BOSTON.

.nection Therewith in 1900.

	Total Cost.	Paved Gutters.	
;ricks. Yards.		Sq. Yards.	Cost.
917.0	$862 30	.....	.....
327.6	339 00	.....	.....
....	363 41	100	$208 85
184.4	322 86	86	105 95
.182.3	354 67	93	127 35
;101.6	137 75	20	28 93
; ...	598 57	280	446 41
1 ...	1,210 13	581	1,252 32
(...	1,164 11	573	1,023 08
1214.8	177 35	.....	.....
1 ...	380 11	157	228 05
(...	11,908 91	3,866	6,401 77
(...	709 56	352	411 72
1329.3	259 30	.....	.....
1 ...	420 92	203	232 88
(...	257 54	127	260 40
(...	76 49	34	38 35
(...	66 41	30	34 28
(78.5	96 78	.....	.....
(170.5	285 18	81	90 88
F ...	920 61	455	716 84
F ...	198 29	107	122 40
E ...	488 16	232	239 23
E ...	383 10	177	437 20
E ...	1,861 72	821	1,342 71
J ...	387 09	188	194 55
J ...	783 74	379	552 73
K ...	186 22	81	154 85
(...	678 61	.....	.....
M ...	730 48	320	524 17
O ...	1,630 25	795	967 19
O ...	70 48	31	49 23
P ...	266 94	131	230 15
S 705.2	678 65	.....	.....
S 230.5	193 20	.....	.....
T 527.6	925 22	204	284 92
W 224.3	188 85	.....	.....
W ...	754 55	355	489 10
W ...	187 34	86	133 75
W 907.2	2,243 43	374	632 85
W 150.0	.....	.....	.....
W ...	862 51	323	450 95
W ...	599 74	287	441 14
9950.8	$35,210 53	11,989	$18,915 18

Cabot, & Daly, for the first-named amount. The structure built is a granite arch bridge, having a span of sixty feet and a rise of 12.85 feet, the length is 120 feet and width fifty-six feet, with a coping projecting one foot on either side; the roadway is forty feet wide and the sidewalks eight feet in width. The bridge is built on a skew angle of sixteen degrees. The foundations are built of concrete masonry, and the outside of the wing walls, arch, coping, and pilasters are of rock-faced granite, of slightly different color and quality.

The total amount of masonry in the bridge is 1,877 cubic yards, and was constructed for $148.60 less than the original bid. The contractor furnished a portion of the filling to bring the street surface to sub-grade between the wing walls of the bridge, at an expense of $547.50, and extra work was done, for the city of Medford, at an expense of $126.75.

A substantial iron fence to protect travel was erected on the line of the back of the sidewalk at an expense of $491, making the cost of the bridge construction complete $18,316.65; the Boston Elevated Railway Company paying $5,000, and the two cities bearing the remainder of the expense.

Broadway Bridge. The extension of the double tracks on Broadway to the town of Arlington necessitated the widening of the roadway and lengthening of the old bridge over Alewife brook.

The granite arch, with a span of fifteen feet and rise of 7.5 feet, was extended westerly twenty-four feet, granite masonry wing walls built, and an iron rail fence erected on each sidewalk line, making the street its full width, sixty-five feet, and corresponding with similar work done in Arlington.

Davis Square Pavement. The grade in the square was lowered about eighteen inches in the centre, making a uniform slope in cross-section, and the sub-grade foundation rolled with a twelve-ton steam road roller; on this was placed a six-inch layer of concrete and one inch of sand on which the vitrified bricks were laid and the joints filled with Portland cement grout; at intervals of about thirty feet, three joints were filled with tar. The work was done by contract, the city furnishing the vitrified bricks, which were the "Catskill Block"; 3,246 square yards were laid and the total cost per yard was $2.65.

The railroad company paved the space occupied by their double tracks, a width of about fourteen feet, amounting to 1,018 square yards, to correspond with the city's work.

SEWER DEPARTMENT.

Construction. What are termed the "separate system" sewers have been extended during the past year in the low, flat districts in the southwesterly part of the city.

One of the main lines was continued westerly on the northerly side of Somerville avenue, from Prospect street to Oak square, and in Elm street as far as Linden avenue, also on the southerly side of Somerville avenue from near Dane street to Oak square; another section was built on the northerly side of Somerville avenue, extending from Poplar street easterly to near the Cambridge line.

A line has been built from the junction of Newton street and Webster avenue, extending through Clark street, Lincoln park, and on the northerly side of Washington street as far as Hanson street, and on the southerly side of Washington street from Lincoln park to Wyatt street; also lines were built on the southerly side of Prospect street and westerly side of Webster avenue.

These sewers vary in size from 24-inch pipe to 8-inch pipe, and the length laid during the year amounted to 14,791.4 feet (2.8 miles), and cost $31,220.95. The entire length of this new system constructed in the low and flat districts for the purpose of relieving flooded cellars is 6.05 miles, and no assessments are levied for this system.

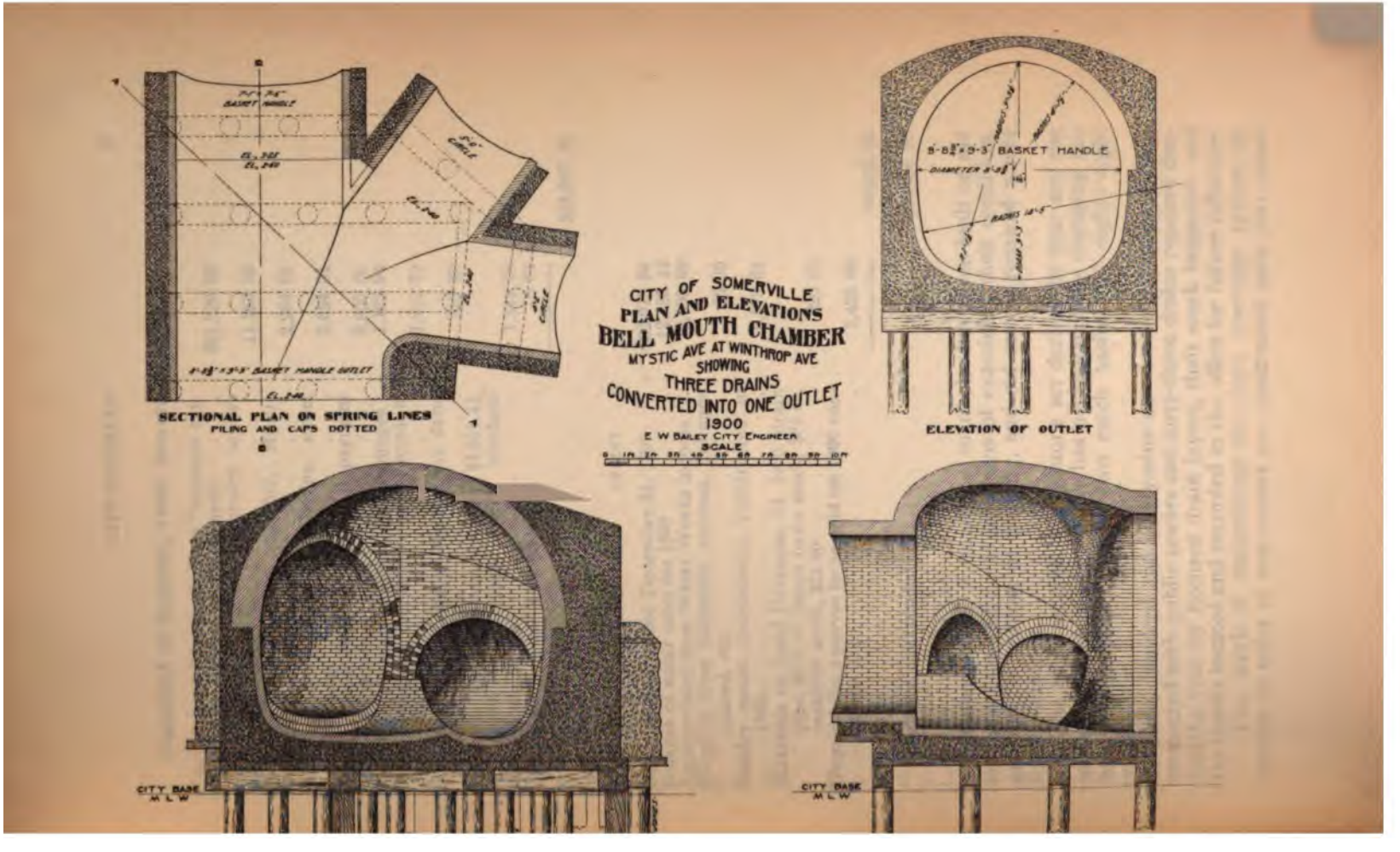
Twenty pipe sewers have been laid in different parts of the city, as petitioned for at various times, a combined length of 10,314.3 feet (1.95 miles), costing $11,150.33; of this amount, $10,573.81 has been assessed on the estates benefited, the city assuming the remainder. Total length of sewers constructed during 1900, 4.75 miles.

A bell-mouth chamber was constructed on Mystic avenue at the junction of Winthrop avenue for the purpose of joining three large sewer overflows (seven feet six inches, five feet, four feet two inches) into one outlet line, discharging across the marsh lands into Mystic river in times of storms. This structure was built of concrete and brick masonry on a pile foundation, and cost $2,264.82.

Seventy-nine catch basins have been built (including ten constructed on the line of the Powder-house boulevard), making the total number of basins in the city 1,118.

The total length of the city's sewerage system is 77.7 miles, and the total cost of constructing has been about $904,971; in addition to this are three miles of large sewer relief drains used in times of storms, which have cost $132,367.

In the table showing sewers built in 1900 will be found an itemized statement of construction and cost.


CITY OF SOMERVILLE
PLAN AND ELEVATIONS
BELL MOUTH CHAMBER
MYSTIC AVE AT WINTHROP AVE
SHOWING
THREE DRAINS
CONVERTED INTO ONE OUTLET
1900
E W BAILEY CITY ENGINEER
SCALE
SECTIONAL PLAN ON SPRING LINES
PILING AND CAPS DOTTED
ELEVATION OF OUTLET
CITY BASE
M L W
CITY BASE
M L W

Statement of Expense, 1900, Sewers Construction Account.

Cost of extending seven lines "separate system" sewers (no assessment)	$31,220 95	
Cost of constructing twenty sundry sewers (assessments levied)	11,150 33	
Constructing bell-mouth chamber, Mystic avenue	2,264 82	
Building sixty-nine catch basins, street drainage	2,654 31	
Tannery Brook storm drain, final payment 1896 contract	2,800 00	
Tannery Brook storm drain, land damages	1,102 94	
Final payments on sewers constructed in 1899	1,210 79	
Stationery, advertising, settlement for damages, incidentals	219 30	
Materials on hand, drain pipe, $1,015.41, catch basin stock, $56.75, manhole stock, $272.60	1,344 76	
Depreciation in value of materials	18 84	
Total		$53,987 04

CREDIT.

Balance unexpended December 31, 1899	$32,973 90	
Balance of water rates for 1899	12,125 12	
Appropriated from Water Works income	12,000 00	
Received from Sidewalks account, drainage estates, etc.	65 26	
Sundry sewer assessments, constructed in 1900	10,573 81	
Materials on hand December 31, 1900, drain pipe, $119.91, catch basin stock, $84.50, manhole stock, $21.60	226 01	
Unpaid bills, reserves to be paid on 1900 contracts	1,453 93	
		69,418 03
Balance unexpended		$15,430 99

Maintenance. A number of manholes have been built on old sewers where there was no means of examining their condition, and for the purpose of cleaning, and old sewers repaired where found defective.

The large amount of edgestone set during the year and the laying of street railway tracks has necessitated the changing the line and grade of seventy-two catch basins and eighty-eight manholes.

Two hundred and ninety-nine new house drains have been connected with public sewers and forty-three drains repaired during the year by licensed drain layers, their work inspected, and the drains located and recorded in the office for future reference.

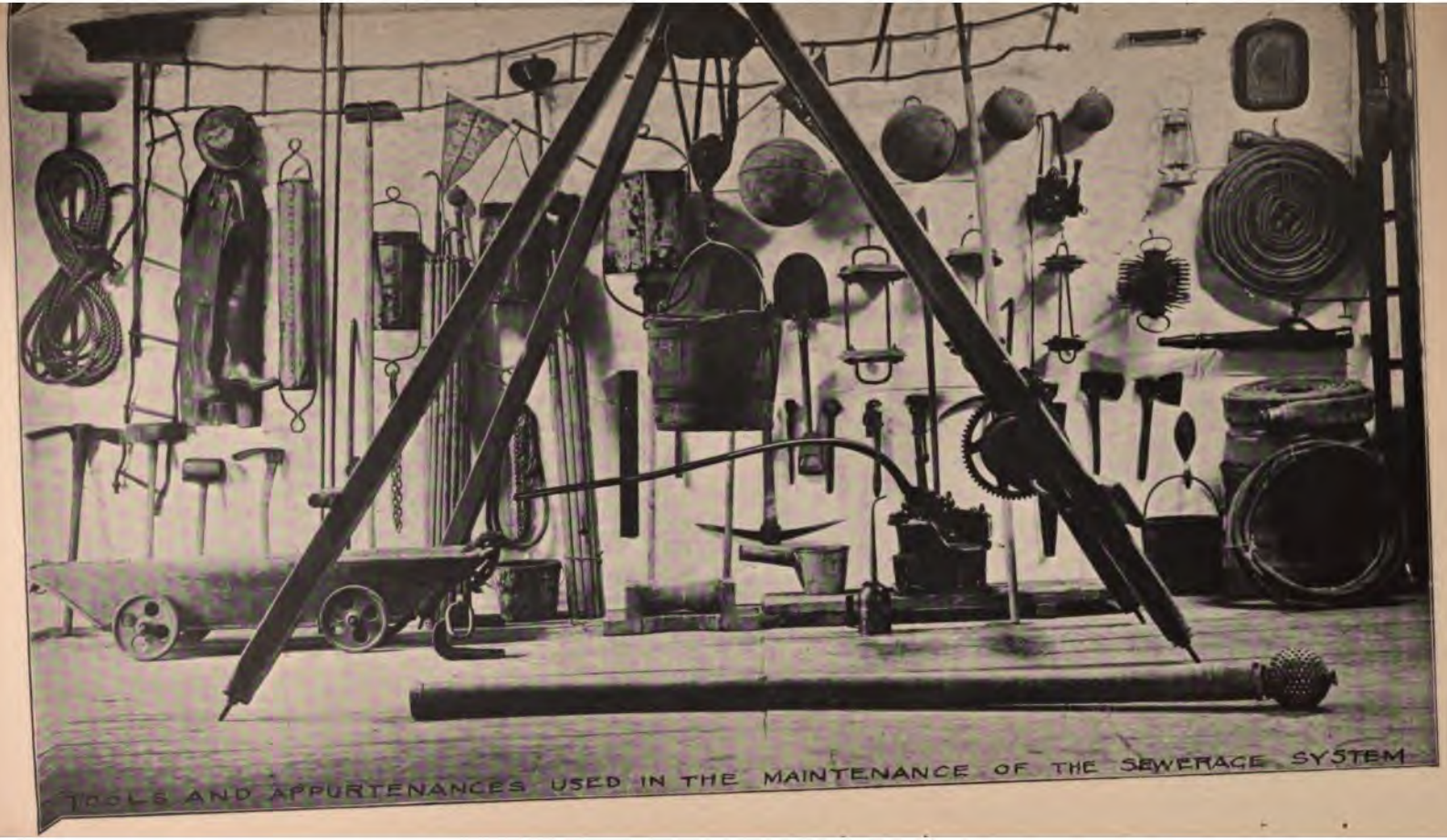
The work of maintaining the city's sewerage system increases as miles of new sewers are constructed each year, more

catch basins built, and connections made with the Metropolitan Sewerage System, and requires a force of men kept permanently for the purpose of cleaning, repairing, and looking after the sanitary condition of the system.

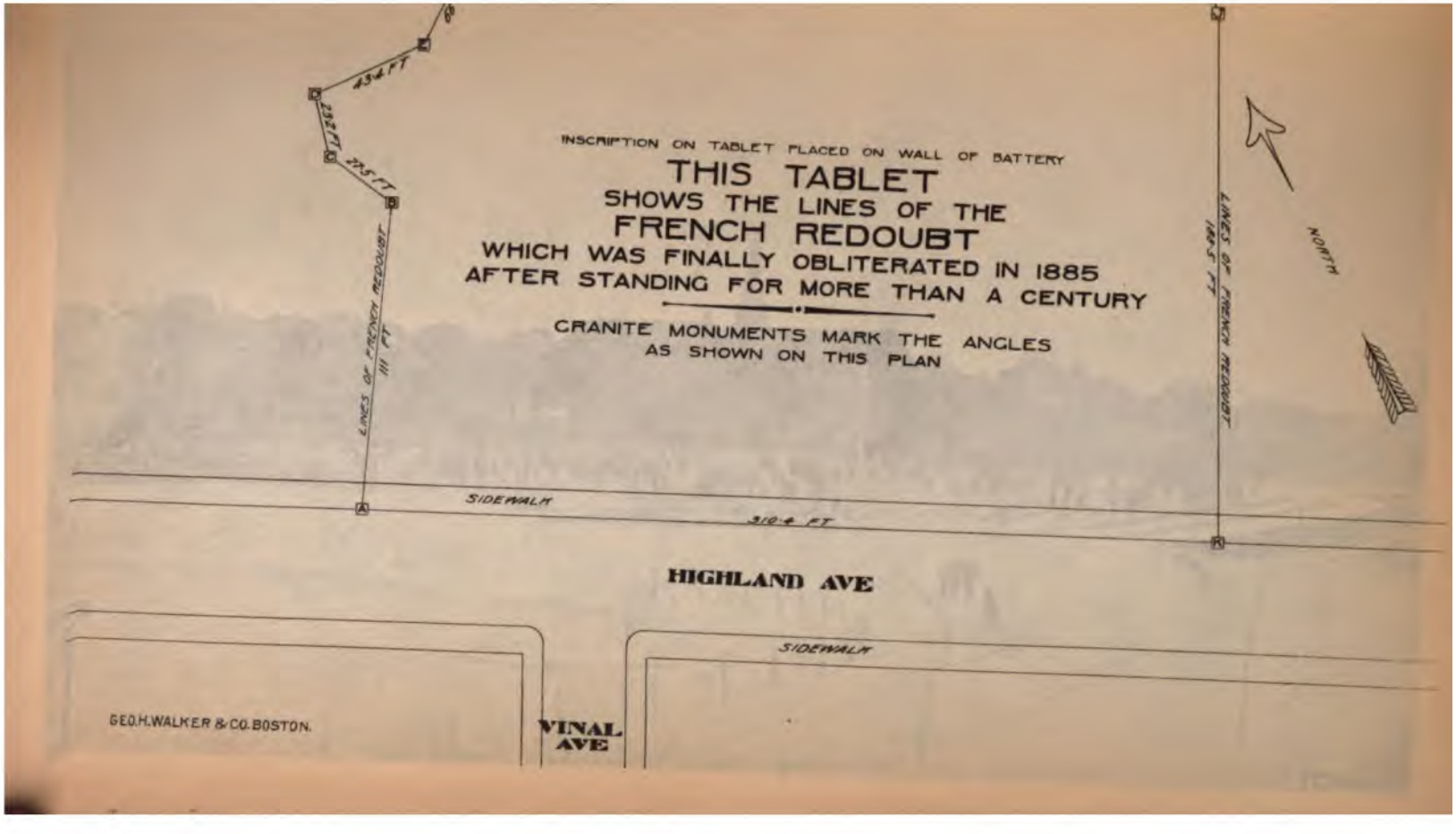
Statement of Expense, 1900, Sewers Maintenance Account.

Maintenance of sewers, including repairing and cleaning	$3,193 50	
Maintenance of catch basins, repairing and cleaning	3,975 28	
Changing line and grade of manholes and repairing	322 68	
Changing line and grade of catch basins and repairing	343 14	
Inspection and location of house drains	445 85	
Rent of water course across marsh land to Mystic river	300 00	
New tools and supplies	312 68	
Repairs of tools and property	81 55	
Changing line and grade of manholes for street railway tracks	203 31	
Labor and materials furnished city departments	368 43	
Sundry expenses, car fares, telephone, etc.	43 32	
Materials on hand, cement, $3.60, lumber, $12.00	15 60	
Total		$9,605 34
CREDIT.		
Appropriation	$9,000 00	
Receipts from city departments and miscellaneous accounts	472 28	
Manhole covers from old sewers	141 00	
Materials on hand, cement, $6.80, lumber, $12.00, drain pipe, $1.02	19 82	
		9,633 10
Balance unexpended		$27 76
Value of tools and property used in maintenance of sewers	$805 55	

Somerville's assessment for maintenance of the Metropolitan sewerage system for 1900 was $13,651.50, and on construction account, $28,272.40.



TOOLS AND APPURTENANCES USED IN THE MAINTENANCE OF THE SEWERAGE SYSTEM


INSCRIPTION ON TABLET PLACED ON WALL OF BATTERY
THIS TABLET
SHOWS THE LINES OF THE
FRENCH REDOUBT
WHICH WAS FINALLY OBLITERATED IN 1885
AFTER STANDING FOR MORE THAN A CENTURY
GRANITE MONUMENTS MARK THE ANGLES
AS SHOWN ON THIS PLAN
43·4 FT
23·2 FT
27·5 FT
LINES OF FRENCH REDOUBT
111 FT
LINES OF FRENCH REDOUBT
118·5 FT
NORTH
SIDEWALK
310·4 FT
HIGHLAND AVE
SIDEWALK
VINAL AVE
GEO.H.WALKER & CO. BOSTON.

LINCOLN PARK BALL FIELD FLOODED FOR SKATING IN WINTER

PUBLIC GROUNDS DEPARTMENT.

The parks and playgrounds of the city have been maintained at a comparatively small expense for the pleasure and benefit derived by the children and citizens; park police have been provided throughout the year, and during the winter ponds maintained for skating.

The athletic field at Lincoln park has been in constant use for ball games and other sports; a new running and bicycle track has been constructed of four and one-half laps to the mile, and an appropriation made for an out-doors' gymnasium. The city's lot at the corner of Broadway and Cedar street has been partially graded for a ball field. and when completed will give that section of the city a long-desired playground.

An appropriation has been made for laying out an athletic field on a section of the Tufts College land, lying between Broadway and the Powder-house boulevard, opposite Tufts park; also an appropriation has been made for purchasing the remaining land of about one and one-fourth acres on Prospect hill to complete this park area.

The water tower that was located on top of Spring hill has been removed and the area will be converted into a small pleasure park.

On Central hill the location of the lines of the old French redoubt has been established and stone bounds set locating the angle points of the old breast-works. A descriptive tablet has been placed on the present "battery wall" showing the location of these bounds, lettered, for future historical reference.

The total area in the city maintained as parks and playgrounds is 52.1 acres.

Statement of Expense, 1900, Maintenance and Improvement.

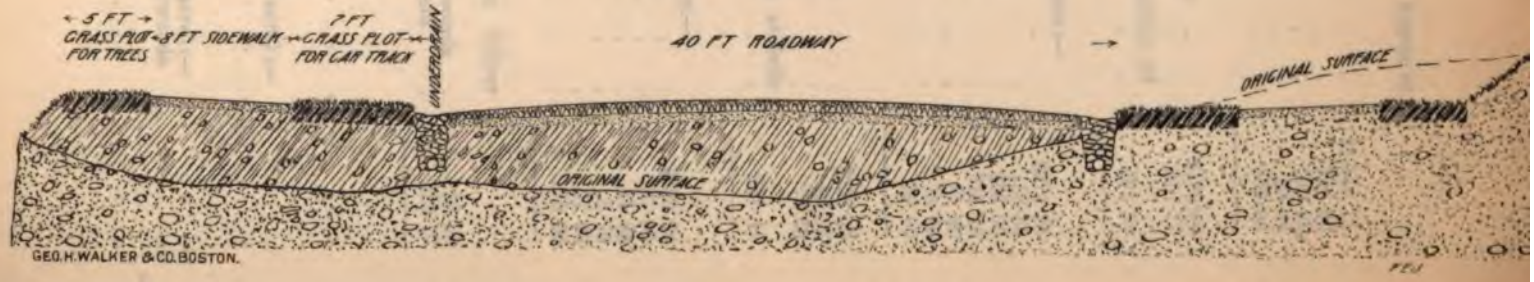
Broadway Park (15.9 acres), maintenance:—		
Labor, care of walks, grass, etc.	$1,090 75	
Labor, preparing pond for skating	152 00	
Labor, police service	323 00	
Tools and supplies	132 42	
Repairing tools and property	55 50	
Plants, flowers, etc.	175 00	
Repairing flagstaff	175 50	
		$2,104 17
Broadway Parkway (1.4 acres), maintenance:—		
Labor, care of grass, etc.	$178 50	
Plants, flowers, etc.	75 00	
		253 50
Central Hill Park (13.1 acres), maintenance:—		
Labor, care of walks, grass, etc.	$1,060 68	
Labor, removing ice and snow	87 50	
Amounts carried forward	$1,148 18	$2,357 67

Amounts brought forward	$1,148 18	$2,357 67
Labor, police service	116 00	
Tools and supplies	156 92	
Repairing tools and property . . .	39 46	
Plants, flowers, etc.	500 00	
		1,960 56
Improvements:—		
Grading around Library addition . .	$166 00	
New concrete walks and gutters . .	816 77	
Tablet and bounds showing location of old breastworks	191 50	
		1,174 27
Lincoln Park (8.3 acres), maintenance:—		
Labor, care of walks, grass, etc. . .	$972 25	
Labor, flooding field for skating . .	153 50	
Labor, police service	253 00	
Tools and supplies	245 10	
Repairing tools and property . . .	31 40	
Plants, flowers, etc.	75 00	
Filling in Wyatt's pit	39 00	
		1,769 25
Improvements:—		
Flag pole and flag	$298 15	
Fence around Wyatt's pit	89 97	
Sidewalk assessment	72 59	
Running track and re-grading athletic field	381 41	
		842 12
Tufts Park (4.5 acres), maintenance:—		
Labor, care of walks, grass, etc. . .	$783 94	
Labor, police service	137 00	
Tools and supplies	41 85	
Repairs, tools and property . . .	6 70	
New sprinklers for rockery . . .	57 95	
Plants, flowers, etc.	175 00	
		1,202 44
Playgrounds, Glen street, corner Oliver street (0.9 acre):—		
Maintenance—Labor, care of grounds .	$8 25	
Improvement—Sidewalk assessment .	128 77	
		137 02
Prospect Hill Park (1.3 acres):—		
Maintenance—Labor		5 00
Playgrounds, Webster avenue (0.2 acre):—		
Maintenance—Labor		14 00
Somerville-avenue Cemetery (0.7 acre):—		
Maintenance—Labor, care of grounds		44 00
Amount carried forward		$9,506 33

CITY OF SOMERVILLE

CROSS SECTION
POWDER HOUSE BOULEVARD
1900

E W BAILEY CITY ENGINEER



GEO. H. WALKER & CO. BOSTON.

Amount brought forward		$9,506 33
Playgrounds, Somerville avenue, corner Kent street (0.8 acre):—		
Maintenance—Labor, care of grounds .	$26 00	
Seats around trees and settees	84 60	
		110 60
Improvement—Sidewalk assessment		93 11
Playgrounds, Belmont street, near Summer street (0.4 acre):—		
Maintenance—Labor, care of grounds .	$57 88	
Removal of high service water tower . . .	33 15	
		91 03
Playgrounds, College avenue, opposite Morrison street (0.4 acre):—		
Maintenance—Labor, flooding grounds for skating .		73 85
Playgrounds, Broadway, corner Cedar street (4.2 acres):—		
Improvement—Sub-grading athletic field . . .		638 92
Incidentals		45 85
Total expenditure (52.1 acres)		$10,559 69

CREDIT.

Appropriation	$10,200 00	
Sale of high service water tower . . .	360 00	
		10,560 00
Balance unexpended		$0 31

Appropriations Made and Unexpended.

Prospect Hill Park, for purchasing additional area (1.25 acres)	$15,000 00
Land, junction Broadway and Main street, Winter Hill, for purchasing triangular piece (1,499 square feet) .	1,500 00
Proposed athletic field, between Broadway and Powder House Boulevard, for construction (3.9 acres) .	3,000 00
Purchasing gymnastic apparatus	1,000 00
Total	$20,500 00
Value of tools and property used in maintenance of the grounds . . . $1,250 00	

Powder House Boulevard. Construction work has been extended from North street along the easterly side of Alewife brook to near the Medford line, a length of 3,000 feet, the roadway forty feet in width sub-graded, drains and catch basins constructed, and sidewalks and loam spaces graded; also the sidewalks have been completed on the 1899 work between Powderhouse square and North street, so that the entire boulevard, a

mile and a quarter in length, can be completed by the surfacing of the roadway, the planting of trees, and lighting.

The total cost of work done in 1900 was as follows:—

William J. McCarthy, contractor, labor and materials furnished	$11,426 60
City, labor and materials furnished	203 76
Inspection of work and car fares	371 70
Total	$12,002 06

Appended Table. Following the report is a table giving names of all streets in the city, public and private, lengths, widths, and the total mileage.

Respectfully submitted,

ERNEST W. BAILEY,
City Engineer.

SHOWING THE LOCATION, LENGTH, AND WIDTH OF PUBLIC AND PRIVATE STREETS.

T.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
	Broadway	Medford st.	Public.	40	900	....
	Marion st.	Joseph st.	Public.	40	579	....
	Albion st.	Northeasterly	Private.	10	....	166
	Albion st.	Southwesterly	Private.	16	....	116
	Central st.	Cedar st.	Public.	40	2,742	....
	Broadway	Medford line	Private.	50	...	100
	Albion st.	Southwesterly	Private.	25	....	100
	Walnut st.	Vinal ave.	Public.	40	508	....
	Pearl st.	B. & L. R. R.	Public.	40	611	....
	Broadway	Medford line	Private.	50	....	50
	Somerville ave.	Charlestown st.	Private.	25	....	680
	Park st.	Northwesterly	Private.	20	....	150
	Cedar st.	Southeasterly	Private.	30	....	670
	Alpine st.	Lowell st.	Public.	40	688	....
	Cross st	Shawmut pl.	Public.	40	567	....
	Bartlett st.	Robinson st.	Public.	40	580	....
	Talbot ave.	Professors' row.	Private.	60	....	250
	Willow ave.	Clifton st.	Public.	40	510	....
	Clifton st.	Liberty ave.	Private.	40	....	120
	Franklin st.	Lincoln st.	Public.	40	440	....
	Porter st.	Southeasterly	Private.	15	....	127
	Beacon st.	Northeasterly	Private.	10	....	115
	Linden st.	Easterly	Private.	about 10	....	100
	Broadway	Bonair st.	Public.	40	438	....
	Meacham st.	Northeasterly	Private.	40	....	705
	Summer st.	Sartwell ave.	Public.	30	478	....
	Central st.	Beech st.	Public.	40	264	....
	Cross st.	B. & L. R. R.	Private.	30	....	600
	Broadway	Mystic ave.	Public.	40	680	....
	Broadway	Bonair st.	Private.	20	....	420
	School st.	Central st.	Public.	40	1,360	....
	Cross st.	B. & L. R. R.	Private.	25	....	150
	Morrison ave.	Boston ave.	Private.	70	....	1,500
	Elm st.	Summer st.	Public.	40	639	....
	Vernon st.	Broadway	Public.	40	1,550	....
	Washington st.	Asylum grounds	Private.	20	...	200
	Broadway	Russell road.	Private.	40	....	382
	Broadway	Foskett st.	Private.	40	....	1,197
	Webster ave.	Columbia st.	Private.	about 20	....	200
	Beacon st.	Northeasterly	Private.	15	....	200
	Cambridge line	Somerville ave.	Public.	66	6,100	....
	Somerville ave.	Northeasterly	Private.	24	....	110
	Cutter st.	Southeasterly	Private.	16	....	100
	South st.	Cambridge line	Private.	30	....	160
	Somerville ave.	Spring st.	Public.	40	800	....
	Albion st.	Northeasterly	Private.	20	....	90
	Broadway	Russell road.	Private.	40	....	449
	Somerville ave.	Highland ave.	Public.	40	2,175	....
	Belmont st.	Southeasterly	Private.	25	....	175
	Broadway	Benedict st.	Private.	20	....	200
	Union st.	Austin st.	Public.	40	600	....
	Bennett st.	Prospect st.	Private.	10	....	100
	Prospect st.	Bennett ct.	Private.	40 to 25	....	400
	Summer st.	Hudson st.	Public.	40	1,208	....
	School st.	Central st.	Public.	40	1,360	....
	Lawrence st.	Northwesterly	Private.	20	....	170
	Boston st.	High st.	Public.	50	208	....
	Broadway	William st.	Public.	40	563	....
	Glen st.	Easterly	Private.	10	....	75
	Winthrop ave.	Cross st.	Private.	40	....	630
	Somerville ave.	Fitchburg R. R.	Private.	30	....	450
	Oak st.	Houghton st.	Private.	40	....	500
	Cross st.	Walnut st.	Public.	40	1,470	....
	Broadway	Jaques st.	Public.	40	640	....
	Washington st.	Columbus ave.	Public.	40	450	....
	Medford line	Mystic river	Public.	60	910	....

Table Showing the Location, Length, and Width of Public and Private Streets.—Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Boston ave	Broadway	Medford line	Public.	50	80	....
Boston ave.	Broadway	Ayer Ave.	Private.	65	....	290
Boston ave.	Ayer ave.	Easterly angle	Private.	50	....	655
Boston ave.	Angle southerly	Morrison ave.	Private.	40	....	1,025
Boston	Washington st.	Prospect Hill ave.	Public.	45	630	....
Boston	Prospect Hill av.	Walnut st.	Public.	40	1,250	....
Bow	Union sq.	Wesley sq.	Public.	60	600	....
Bow	Wesley sq.	Somerville ave.	Public.	50	500	....
Bowdoin	Washington st.	Fremont ave.	Public.	40	247	....
Bowdoin	Fremont ave.	Lincoln park	Private.	40	....	94
Bowers ave.	Cottage ave.	Elm st.	Private.	24	....	288
Bow St. pl.	Bow st.	Northwesterly	Private.	40	....	300
Bradford ave.	School st.	Southeasterly	Private.	40	....	150
Bradley	Pearl st.	Walter st.	Public.	40	762	....
Brastow ave.	Lowell st.	Porter st.	Public.	40	686	....
Bristol road	Broadway	Medford line	Private.	40	....	98
Broadway	Charlestown line	Cross st.	Public.	100	2,590	....
Broadway	Cross st.	Marshall st.	Public.	100 to 200	2,060	....
Broadway	Marshall st.	Main st.	Public.	100	1,570	....
Broadway	Main st.	Top of hill	Public.	100 to 90	1,030	....
Broadway	Top of hill	Albion st.	Public.	90	2,540	....
Broadway	Albion st.	Willow ave.	Public.	90 to 70	1,030	....
Broadway	Willow ave.	Paulina st	Public.	70	3,250	....
Broadway	Paulina st.	Arlington line	Public.	65-60-65	3,220	....
Broadway pl.	Broadway	Southwesterly	Private.	22	....	250
Bromfield road	Warner st.	Professors' row	Private.	40	....	1,260
Brook	Glen st.	Cross st.	Public.	40	500	....
Browning road	Sycamore st.	Central st.	Public.	40	679	....
Buckingham	Beacon st.	Dimick st.	Public.	40	300	....
Burnside ave.	Elm st.	Summer st.	Public.	40	720	....
Caldwell pl.	Washington st.	Southerly	Private.	20	....	210
Calvin	Beacon st.	Dimick st.	Private.	40	....	250
Calvin	Dimick st.	Washington st.	Private.	30	....	395
Cambria	Central st.	Benton road	Public.	40	488	....
Cameron ave.	Holland st.	Cambridge line	Public.	60	1,000	....
Campbell pk.	Meacham st.	Kingston st.	Public.	40	399	....
Campbell Pk. pl.	Kingston st.	Arlington Br. R.R.	Private.	20	....	84
Carlton	Somerville ave.	Lake st.	Public.	40	300	....
Carver	Porter st.	Northwesterly	Private.	40	....	156
Cedar ave.	Cedar st.	Linden ave.	Private.	22	....	290
Cedar St. pl.	Murdock st.	Southwesterly	Private.	20	....	220
Cedar St. pl.	Cedar n'r Elm st.	Southeasterly	Private.	12+	....	80+
Cedar	Elm st.	Broadway	Public.	40	4,150	....
Central	Somerville ave.	Summer st.	Public.	33	1,150	....
Central	Summer st.	Medford st.	Public.	40	2,480	....
Central	Medford st.	Broadway	Public.	45	1,070	....
Centre	Albion st.	B. & L. R. R.	Private.	35	....	200
Chandler	Park ave.	Broadway	Public.	40	1,232	....
Chapel	College ave.	Chandler st.	Public.	40	273	....
Chapel ct.	Sycamore st.	Northwesterly	Private.	12	....	130
Charles	Washington st.	Asylum grounds	Private.	30	....	200
Charlestown	Allen st.	Easterly	Private.	15	....	400
Charnwood road	Willow ave.	Gordonia road	Public.	40	589	....
Chauncey ave. (Fellsway)	Broadway	Mystic ave.	Public.	50	1,320	....
*Chelsea	Mystic ave.	Melrose st.	Private.	50	....	1,390
Cherry	Elm st.	Highland ave.	Public.	45	1,450	....
Chester	Elm st.	Cambridge line	Public.	40	850	....
Chester ave.	Medford st.	Angle	Public.	about 22	220	....
Chester ave.	Angle	Cross st.	Private.	20	....	445
Chester pl.	Chester st.	Northwesterly	Private.	40	....	200
Chestnut	Poplar st.	Southeasterly	Private.	40	....	540
Church	Summer st.	Somerville ave.	Public.	40	560	....
Church (south)	Somerville ave.	Lake st.	Public.	40	340	....
Church St. pl.	Church st. (south)	Northwesterly	Private.	25	....	170

* Proposed.

Table Showing the Location, Length, and Width of Public and Private Streets.—Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Claremon	Holland st.	Mead st.	Public.	40	560	....
Clarendon ave	Broadway	Cambridge line	Private.	40	....	1,210
Clark	Newton st.	Lincoln parkway	Private.	35	....	545
Cleveland	Central st.	Elm pl.	Private.	40	....	270
Clifton	Appleton st.	Morrison ave.	Public.	40	240	....
Clifton	Morrison ave.	Arlington Br. R.R.	Private.	40	....	220
Clyde	Cedar st.	Murdock st.	Private.	30	....	600
College ave.	Davis sq.	Medford line	Public.	60	4,080	....
Columbia	Webster ave.	Cambridge line	Public	40	816	....
Columbia ct.	Columbia st.	Webster ave.	Private.	9	....	150
Columbus ave.	Windham road	Northwesterly	Private.	40	....	73
Columbus ave.	End of above	Walnut st.	Public.	40	1,000	....
Concord ave.	Prospect st.	Leon st.	Public.	40	1,500	....
Concord ave.	Leon st.	Beacon st.	Private.	30	....	470
Congress pl.	Linwood st.	Southwesterly	Private.	16	....	200
Conlon ct.	Columbia st.	Easterly	Private.	20	....	200
Conwell ave.	Curtis st.	Westerly	Private.	40	....	600
Conwell	Highland ave.	Southwesterly	Private.	35	....	360
Cooney	Beacon st.	Line st.	Private.	26	....	220
Cottage ave.	Russell st.	Chester st.	Public.	40	500	....
Cottage circle	Cottage ave	Southwesterly	Private.	25	....	87
Cottage pl.	Washington st.	Northwesterly	Private.	about 11	....	150
Craigie	Somerville ave.	Summer st.	Public.	50	1,250	....
Crescent	Washington st.	Pearl st.	Private.	30 to 38	....	650
Crocker	Highland ave.	Crown st.	Public.	40	528	....
Cross	Medford st.	Broadway	Public.	45	2,650	....
Cross	Broadway	Mystic ave.	Public.	40	1,100	....
Cross St. pl.	Cross st.	Northwesterly	Private.	24	....	150
Crown	Porter st.	Lowell st.	Private.	30	....	700
Curtis ave.	Curtis st.	Northwesterly	Private.	40	....	700
Curtis	Broadway	Medford line	Public.	40	2,300	....
Cutler	Lawrence st.	Northwesterly	Private.	20	....	170
Cutter	Broadway	Webster st.	Public.	40	740	....
Cutter ave.	Summer st.	Highland ave.	Public.	40	430	....
Cypress	Central st.	Beech st.	Public.	40	262	....
Dana	Bonair st.	Pearl st.	Public.	40	690	....
Dane	Somerville ave.	Washington st.	Public.	40	1,270	....
Dane ave.	Dane st.	Easterly	Private.	30	....	600
Dartmouth	Medford st.	Broadway	Public.	40	1,450	....
Day	Elm st.	Cambridge line	Public.	40	940	....
Delaware	Aldrich st.	Pearl st.	Public.	40	451	....
Dell	Glen st.	Tufts st.	Public.	40	466	....
Derby	Temple st.	Grant st.	Public.	40	831	....
Derby	Grant st	Wheatland st.	Private.	40	....	200
Dexter	Broadway	Medford line	Private.	50	....	25
Dickinson	Springfield st.	Beacon st.	Public.	40	770	....
Dickson	Broadway	Fairmount ave.	Private.	40	....	271
Dimick	Concord ave.	Calvin st.	Private.	40	....	860
Distillhouse	South st.	Cambridge line	Private.	35	....	150
Dix pl.	Linwood st.	Southwesterly	Private.	10	....	100
Dover	Elm st.	Cambridge line	Public.	40	940	....
Dow	North st.	Easterly	Private.	40	....	645
Downer pl.	Downer st.	B. & L. R. R.	Private.	20	....	125
Downer	Nashua st.	Southeasterly	Private.	20	....	120
Dresden circle	Cutter ave.	Westerly	Private.	30	....	133
Durham	Beacon st.	Hanson st.	Private.	40	....	450
Earle	South st.	Fitchburg R. R.	Private.	30	....	322
East Albion	Mt. Vernon ave.	E. of Moreland st.	Private.	25	....	188
East Albion	E. of Moreland st	Medford line	Private.	40	....	490
Eastman pl.	Highland ave.	Southwesterly	Private.	40	....	300
*Edgeworth	Mystic ave.	Melrose st.	Private.	50	....	1,380
Edmands	Broadway	to near Bonair st.	Public.	40	376	....
Edmonton ave.	Cross st.	Winthrop ave.	Private.	40	....	630
Electric ave.	Curtis st.	Packard ave.	Public.	40	681	....
Eliot	Vine st.	Park st.	Public.	40	260	....

* Proposed

Table Showing the Location, Length, and Width of Public and Private Streets.—Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Ellington road	Highland ave.	Northeasterly	Private.	35	....	120
Ellington road	West st.	Northwesterly	Private.	30	....	405
Ellsworth	Cross st.	Rush st.	Public.	40	210	....
Elm ct.	Villa ave.	Northwesterly	Private.	18	....	70
Elm pl.	Harvard st.	Easterly & west'ly	Private.	30	....	400
Elm	Somerville ave.	Cherry st.	Public.	63	1,590	....
Elm	Cherry st.	White st.	Public.	63 to 60	330	....
Elm	White st.	Banks st.	Public.	60	660	....
Elm	Banks st.	Beech st.	Public.	60 to 77.5	290	....
Elm	Beech st.	Tenney st.	Public.	77.5 to 60	570	....
Elm	Tenney st.	Davis sq.	Public.	60	1,420	....
Elmwood	Holland st.	Cambridge line	Private.	40	....	970
Elmwood ter.	Elmwood st.	Easterly	Private.	20	....	190
Elston	Elm st.	Summer st.	Public.	40	396	....
Emerson	Everett st.	Newton st.	Private.	30	....	170
Emery	Fitchburg R. R.	South st.	Private.	30	....	335
Endicott ave.	Broadway	Southwesterly	Private.	40	....	800
Essex	Medford st.	Richdale ave.	Public.	40	232	....
Eustis	Beacon st.	Southwest	Private.	30	....	150
Everett	Webster ave.	Newton st.	Private.	30	....	350
Everett ave.	Cross st.	Dana st.	Public.	40	800	....
Evergreen ave.	Marshall st.	Sycamore st.	Public.	40	1,320	....
Evergreen sq.	Porter st.	Southeasterly	Private.	8	....	200
Fairlee	Cherry st.	Northwesterly	Private.	30	....	150
Fairmount ave.	Curtis st.	Northwesterly	Private.	40	....	700
Fairview ter.	Sycamore st.	Southwesterly	Private.	15	....	173
Fanning ave.	Highland ave.	Lexington ave.	Public.	50	376	....
Farragut ave.	Broadway	Southwesterly	Private.	40	....	840
Fenwick	Broadway	Heath st.	Public.	40	340	....
Fenwick	Heath st.	Jaques st.	Private.	40	....	261
Fisk ave.	Hinckley st.	Lowell st.	Private.	20 & 25	....	460
Fitchburg ct.	Fitchburg st.	Southeasterly	Private.	10	....	225
Fitchburg	Linwood st.	B. & L. R. R.	Private.	40	....	400
Flint ave.	Flint st.	Northerly	Private.	40	....	200
Flint	Franklin st.	Aldrich st.	Public.	40	1,773	....
Florence	Washington st.	Perkins st.	Public.	40	1,280	....
Florence ter.	Jaques st.	Southwesterly	Private.	20	....	90
Forest	Beacon st.	Cambridge line	Public.	40	150	....
Forster	Sycamore st.	Central st.	Private.	30	....	430
Fosket	Willow ave.	Liberty ave.	Public.	40	668	....
Fountain ave.	Cross st.	Glen st.	Private.	30	....	550
Francesca ave.	College ave.	Liberty ave.	Public.	40	762	....
Francis	Porter st.	Conwell st.	Private.	30	....	180
Franklin ave.	Washington st.	Franklin st.	Private.	20	....	500
Franklin ct.	Somerville ave.	B. & L. R. R.	Private.	....	....	200
Franklin pl.	Franklin st.	Southeasterly	Private.	15	....	100
Franklin	Broadway	Washington st.	Public.	40+	2,230	....
*Frederick ave.	Willow ave.	Boston ave.	Private.	45	....	1,360
Fremont ave.	Parker st.	Easterly & west'ly	Private.	30	....	235
Fremont	Main st.	Near Mystic ave.	Private.	40	....	1,397
Frost ave.	Somerville ave.	Dane st.	Private.	35	....	550
Garden ct.	Somerville ave.	Fitchburg R. R.	Private.	25	....	370
Garfield ave.	Broadway	Middlesex ave.	Private.	40	....	1,430
Garrison ave.	Broadway	Southwesterly	Private.	40	....	850
George	Broadway	Lincoln ave.	Public.	30	275	....
Gibbens	Central st.	Benton road	Public.	40	492	....
Giles pl.	Walnut st.	Northwesterly	Private.	32.71	....	168
Gill's ct.	Franklin st.	Westerly	Private.	10	....	100
Gilman	Cross st.	Walnut st.	Public.	40	1,430	....
Gilman ter.	Pearl st.	Northeasterly	Private.	40	....	360
Gilson ter.	Linden ave.	Northwesterly	Private.	20	....	124
Glass House ct.	Webster ave.	Easterly	Private.	40	....	200
Glen	Broadway	Tufts st.	Public.	40	2,300	....
Glendale ave.	Cameron ave.	Yorktown st.	Private.	40	....	410

Table Showing the Location, Length, and Width of Public and Private Streets.—Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Glover circle	Meacham st.	Southeasterly	Private.	20	....	110
Gordonia road	Summer st.	Highland ave.	Private.	40	....	521
Gorham	Holland st.	Howard st.	Public.	40	763	....
Gould ave.	Porter st.	Southeasterly	Private.	16	....	156
Grand View ave.	Walnut st.	Vinal ave.	Public.	40	470	....
Granite	Somerville ave.	Osgood st.	Private.	40	....	400
Grant	Broadway	Jaques st.	Public.	40	536	....
Grant	Jaques st.	Mystic ave.	Private.	40	....	814
Greene	Summer st.	Laurel st.	Public.	40	555	....
Greenville	Medford st.	High st.	Public.	40	660	....
Greenwood ter.	Beacon st.	Northeasterly	Private.	25	....	165
Grove	Elm st.	Morrison ave.	Public.	40	985	....
Hadley ct.	Franklin st.	Westerly	Private.	20	....	150
Hall ave.	College ave.	Liberty ave.	Public.	40	926	....
Hall	Cedar st.	Cherry st.	Public.	30	456	....
Hamlet	Highland ave.	Southwesterly	Private.	30	....	400
Hammond	Dickinson st.	Concord ave.	Private.	40	....	273
Hancock	Elm st.	Summer st.	Public.	40	781	....
Hanson ave.	Hanson st.	Easterly	Private.	30	...	252
Hanson	Washington st.	Vine st.	Private.	35	....	750
Harding	South st.	Cambridge line	Private.	30	....	115
Harris	Beacon st.	Cambridge line	Private.	35	....	150
Harrison	Ivaloo st.	Kent st.	Public.	40	644	...
Harrison	Elmwood st.	Southeasterly	Private.	40	....	210
Harvard pl.	Harvard st.	Westerly	Private.	35	....	200
Harvard	Summer st.	Beech st.	Public.	40	650	....
Hathorn	Broadway	Arlington st.	Public.	40	330	....
Hawkins	Somerville ave.	Washington st.	Public.	40	330	....
Hawthorne	Willow ave.	Cutter ave.	Private.	30	....	810
Hayden ter.	Linden ave.	Easterly	Private.	20	....	120
Heath	Temple st.	Bond st.	Public.	45	1,043	....
Heath	Bond st.	Moreland st.	Private.	45	....	750
Henderson	Richardson st.	B. & L. R. R.	Private.	20	....	535
Hennessey ct.	Medford st.	Fisk ave.	Private.	20	....	250
Henry ave.	Highland ave.	Lexington ave.	Private.	40	....	290
Herbert	Chester st.	Day st.	Public.	40	360	....
Hersey	Berkeley st.	Oxford st.	Private.	40	....	230
Highland ave.	Medford st.	Davis sq.	Public.	60	9,100	....
Hill	Broadway	Fairmount ave.	Private.	40	....	286
Hillside ave.	Pearl st.	Southwesterly	Private.	30	....	150
Hillside pk.	Walnut st.	Northwesterly	Private.	40	....	245
Hinckley	Broadway	Lawrence st.	Private.	30	....	430
Hodgdon pl.	Dane ct.	Northeasterly	Private.	about 20	....	150
Holland	Davis sq.	Broadway	Public.	60	2,650	....
Holt's ave.	Oak st.	Southeasterly	Private.	10	....	100
Holyoke road	Elm st.	Elm st.	Private.	40	....	640
Homer sq.	Bonner ave.	Northwesterly	Private.	30+	....	200
Horace	South st.	Fitchburg R. R.	Private.	30	....	510
Houghton	Springfield st.	Cambridge line	Public.	40	653	....
Howard	Thorndike st.	Gorham st.	Private.	40	....	430
Howard	Whipple st.	Willow ave.	Private.	30	....	255
Howe	Marshall st.	School st.	Public.	40	445	....
Hudson	Central st.	Cedar st.	Public.	40	2,760	....
Hunting	South st.	Cambridge line	Private.	30	....	125
Ibbetson	Somerville ave.	Lowell st.	Public.	40	802	....
Irving	Holland st.	Broadway	Public.	40	1,180	....
Ivaloo	Beacon st.	Park st.	Public.	40	650	....
Jackson	Medford st.	Maple st.	Private.	30	....	150
James	Pearl st.	Veazie st.	Public.	40	320	....
Jaques	Chauncey ave.	Temple st.	Public.	40	1,200	....
Jaques	Temple st.	Bond st.	Public.	45	1,050	....
Jasper pl.	Jasper st.	Walnut st.	Private.	20	....	225
Jasper	Pearl st.	Gilman st.	Private.	40	....	300
Jay	Holland st.	Howard st.	Public.	40	534	....

Table Showing the Location, Length, and Width of Public and Private Streets.—Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Jenny Lind ave.	Vernon st.	Broadway	Public.	40	1,507	....
Jerome ct.	Sycamore st.	Jerome st.	Private.	10	...	150
Jerome	Montrose st.	Jerome ct.	Private.	20	....	125
Joseph	Newton st.	Lincoln parkway	Public.	40	458	....
Josephine ave.	Morrison ave.	Broadway	Private.	45	....	1,715
Joy	Washington st.	Poplar st.	Public.	30	1,121	....
Joy St. pl.	Joy st.	Southwesterly	Private.	30	....	175
Kensington ave.	Broadway	Blakeley ave.	Private.	40	....	440
Kent ct.	Kent st.	Northerly	Private.	about 25	....	420
Kent	Somerville ave.	Fitchburg R. R.	Public.	40	292	....
Kent	Fitchburg R. R.	Beacon st.	Public.	25	38	....
Kenwood	College ave.	Billingham st.	Public.	40	322	....
Kidder ave.	College ave.	Liberty ave.	Public.	40	625	....
Kidder ave.	Liberty ave.	Willow ave.	Private.	40	....	655
Kilby	Somerville ave.	Southwesterly	Private.	20	....	180
Kimball	Lowell st.	Craigie st.	Private.	40	....	303
Kingman ct.	Washington st.	Fitchburg R. R.	Private.	25	....	400
Kingston	Meacham st.	Cambridge line	Public.	40	647	....
Knapp	School st.	Granite st.	Public.	40	379	....
Knowlton	Oliver st.	Tufts st.	Private.	40	....	925
Lake	Hawkins st.	Church st.	Public.	40	800	....
Lamson ct.	Linwood st.	Poplar st.	Private.	20	....	370
Landers	School st.	Westerly	Private.	40	....	280
Laurel ave.	Laurel st.	Northwesterly	Private.	18	....	125
Laurel	Somerville ave.	Summer st.	Public.	40	940	....
Lawrence	Hinckley st.	B. & L. R. R.	Private.	35	....	650
Lawrence	Boston ave.	Southwesterly	Private.	35	....	710
Lawson ter.	Putnam st.	Easterly	Private.	5	....	200
Lee	Medford st.	Richdale ave.	Public.	40	385	....
Leland	Washington st.	Northeasterly	Private.	40	....	250
Leon	Concord ave.	Dickinson st.	Public.	40	155	....
Leonard pl.	Joy st.	Northeasterly	Private.	13+	....	98
Lesley ave.	Highland ave.	Lexington ave.	Public.	40	333	....
Leslie pl.	Highland ave.	Northerly	Private.	12	....	75
Lester ter.	Meacham st.	Northwesterly	Private.	20	....	190
Lexington ave.	Willow ave.	Cedar st.	Private.	50	....	1,360
Liberty ave.	Hall ave.	Broadway	Public.	40	1,395	....
Liberty ave.	Hall ave.	Appleton st.	Private.	40	....	100
Lincoln ave.	Lincoln st.	Mt. Vernon st.	Public.	40	478	....
Lincoln parkway	Washington st.	Perry st.	Public.	40	1,520	....
Lincoln pl.	Lincoln ave.	Northerly	Private.	9	....	120
Lincoln	Broadway.	Perkins st.	Public.	40	550	....
Linden ave.	Elm st.	Summer st.	Public.	45	1,050	....
Linden ave.	Summer st.	Northeasterly	Private.	45	....	250
Linden circle	Linden ave.	Southeasterly	Private.	24	....	120
Linden pl.	Linden ave.	Northwesterly	Private.	20	....	160
Linden	Somerville ave.	Fitchburg R. R.	Private.	30	....	705
Line	Washington st.	Cambridge line	Private.	33	....	1 750
Linehan ct.	Linwood st.	Chestnut st.	Private.	about 15	....	200
Linwood pl.	Linwood st.	Southwesterly	Private.	about 12	....	150
Linwood	Somerville ave.	Washington st.	Public.	50	2,050	....
London	Linwood st.	B. & L. R. R.	Private.	40	....	340
Loring	Somerville ave.	Northeasterly	Private.	40	....	400
Louisburg pl.	Autumn st.	Easterly	Private.	13	....	90
Lovell	Broadway	Electric ave.	Private.	40	....	385
Lowden ave.	Broadway	Fosket st.	Private.	40	....	1,205
Lowell	Somerville ave.	Summer st.	Public.	36	1,259	....
Lowell	Summer st.	Crown st.	Private.	33+	....	349
Lowell	Crown st.	Albion st.	Public.	40	972	....
Lowell	Albion st.	L. & A. Br'ch R. R.	Private.	40	....	540
Lowell	B. & L. R. R.	Vernon st.	Private.	33+	....	60
Lowell	Vernon st.	Medford st.	Public.	40	1,141	....
Lowell ter.	Lowell st.	Northwesterly	Private.	20	....	150

Table Showing the Location, Length, and Width of Public and Private Streets.—Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Madison	School st.	Sycamore st.	Public.	40	891	....
Main	Broadway	Medford line	Public.	50	950	....
*Malden	Mystic ave.	Melrose st.	Private.	50	....	1,360
Mallet	Willow ave.	Liberty ave.	Private.	40	....	580
Malloy ct.	Somerville ave.	Merriam st.	Private.	30	....	255
Malvern ave.	Cameron ave.	Yorktown st.	Private.	40	....	410
Manila road	Beacon st.	Sacramento st.	Private.	40	....	408
Mansfie'd	Somerville ave.	Washington st.	Public.	40	735	....
Maple ave.	School st.	Southeasterly	Private.	40	....	300
Maple pl.	Marshall st.	Maple ave.	Private.	5	....	125
Maple	Poplar st.	Jackson st.	Private.	30	....	470
Marion	Concord ave.	Wyatt st.	Public.	40	529	....
Marion	Wyatt st.	Northwesterly	Private.	40	....	182
Marshall	Broadway	Pearl st.	Public.	40	1,650	....
May pl.	Hawkins st.	Easterly	Private.	12	....	100
McCulphe pl.	Medford st.	Easterly	Private.	10	....	110
McGregor ave.	Wigglesworth st.	Walnut st.	Private.	about 10	....	250
Meacham	Dover st.	Cambridge line	Public.	40	1,060	....
Meacham	Mt. Vernon ave.	Medford line	Private.	40	....	800
Mead	Cameron ave.	Moore st.	Private.	40	....	340
Medford	Cambridge line	Central st.	Public.	50	8,150	....
Medford	Central st.	Broadway	Public.	55	1,950	....
Melburn pl.	Summer st.	Northeasterly	Private.	30	....	125
Melledew ct.	Belmont st.	Easterly	Private.	15	....	137
Melrose	Mystic ave.	Middlesex ave.	Private.	50	....	2,310
Melvin	Broadway	Bonair st.	Public.	40	487	....
Merriam ave.	Merriam st.	Malloy ct.	Private.	15	....	255
Merriam	Somerville ave.	Charlestown st.	Private.	30	....	500
Middlesex ave.	Mystic ave.	Medford line	Public.	60	3,400	....
Milk pl.	Somerville ave.	Southwesterly	Private.	about 30	....	100
Miller	Sacramento st.	Northwesterly	Private.	33	....	350
Milton	Orchard st.	Cambridge line	Private.	35	....	220
Miner	Vernon st.	Ames st.	Public.	40	244	....
Mondamin ct.	Ivaloo st.	Harrison st.	Private.	25	....	250
Monmouth	Central st.	Westerly	Public.	40	267	....
Monmouth	End of above	Harvard st.	Private.	35	....	200
Montgomery ave.	Broadway	Wellington ave.	Public.	40	265	....
Montrose ct.	Montrose st.	B. & L. R. R.	Private.	12	....	110
Montrose	School st.	Sycamore st.	Public.	40	886	....
Moore	Holland st.	Mead st.	Public.	40	695	....
Moreland	Main st.	Mystic ave.	Private.	40	....	1,513
Morgan	Beacon st.	Park st.	Public.	40	350	....
Morrison ave.	Cedar st.	Willow ave.	Public.	50	1,366	....
Morrison ave.	Willow ave.	College ave.	Public.	40	1,700	....
Morrison pl.	Morrison ave.	Northerly	Private.	20	....	190
Morrison pl.	Morrison pl.	Easterly	Private.	15	....	175
Mortimer pl.	Marshall st.	Walter st.	Private.	20	....	280
Morton	Glen st.	Knowlton st.	Public.	40	287	....
Mossland	Somerville ave.	Elm st.	Public.	40	350	....
Mountain ave.	Linden ave.	Porter st.	Private.	22	....	310
Mousal pl.	North Union st.	B. & M. R. R.	Private.	20	....	200
Mt. Pleasant ct.	Perkins st.	Southwesterly	Private.	40	....	260
Mt. Pleasant	Broadway	Perkins st.	Public.	33	570	....
Mt. Vernon ave.	Main st.	Meacham st.	Private.	50	....	800
Mt. Vernon	Washington st.	Pearl st.	Public.	40	600	....
Mt. Vernon	Pearl st.	Perkins st.	Public.	50	450	....
Mt. Vernon	Perkins st.	Broadway	Public.	40	600	....
Munroe	Walnut st.	Easterly	Public.	40	375	....
Munroe	End of above	Boston st.	Private.	50	....	1,100
Murdock	Cedar st.	Clyde st.	Private.	30	....	900
Murray	Washington st.	Southerly	Private.	30	....	250
Museum	Beacon st.	Cambridge line	Private.	40	....	170
Myrtle ct.	Myrtle st.	Easterly	Private.	10	....	100
Myrtle	Washington st.	Perkins st.	Public.	40	1,400	....
Mystic ave.	Charlestown line	Union st.	Public.	60	350	....
Mystic ave.	Union st.	Medford line	Public.	66	6,900	....
Mystic	Washington st.	Somerville ave.	Public.	40	360	....
Mystic	Benedict st.	Mystic ave.	Private.	40	....	330

* Proposed.

Table Showing the Location, Length, and Width of Public and Private Streets.—Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Nashua	Richardson st.	B. & L. R. R.	Private.	35	....	640
Nevada ave.	Village st.	Hanson st.	Private.	20	....	200
Newberne	Appleton st.	Morrison ave.	Public.	40	200	....
Newbury	Holland st.	Cambridge line	Public.	40	1,250	...
Newman pl.	Cedar st.	Southeasterly	Private.	10+	....	100
Newton pl.	Newton st.	Easterly	Private.	about 10	....	100
Newton	Prospect st.	Webster ave.	Public.	25	470	....
Newton	Webster ave.	Concord ave.	Public.	40+	650	....
Norfolk	Webster ave.	Cambridge line	Public.	40	200	....
North	Broadway	Medford line	Public.	40	2,550	....
North Union	Mystic ave.	Northeasterly	Private.	30	....	600
Norton	Nashua st.	Southeasterly	Private.	20	....	200
Norwood ave.	Broadway	Medford st.	Public.	40	350	....
Oak	Prospect st.	Angle	Public.	40	670	....
Oak	Angle	Cambridge line	Public.	30	563	....
Oak St. pl.	Oak st.	Northerly	Private.	4	....	85
Oakland ave.	Marshall st.	School st.	Public.	40	440	....
Olive ave.	Linden ave.	Southeasterly	Private.	25	....	155
Olive sq.	Lake st.	Southerly	Private.	about 15	....	100
Oliver	Franklin st.	Cross st.	Public.	40	1,050	....
Orchard	Cambridge line	Meacham st.	Public.	40	1,625	....
Osgood	Granite st.	Easterly & west'ly	Private.	40	....	450
Otis	Cross st.	Wigglesworth st.	Public.	40	1,200	....
Oxford	School st.	Central st.	Public.	35	1,361	....
Oxford	Beacon st.	Cambridge line	Public.	50	100	....
Packard ave.	Broadway	Medford line	Private.	60	....	2,000
Palmer ave.	Franklin st.	Northwesterly	Private.	20	....	200
Park ave.	College ave.	Wallace st.	Public.	40	450	...
Park pl.	Laurel st.	Easterly	Private.	30	....	220
Park pl.	Park pl.	Northeasterly	Private.	20	....	150
Park	Somerville ave.	Beacon st.	Public.	50	1,300	....
Parker pl.	Porter st.	Northwesterly	Private.	20	....	150
Parker	Washington st.	Fremont ave.	Private.	35	....	200
Partridge ave.	Vernon st.	Broadway	Public.	40	1,457	....
Patten ct.	Cutter st.	Southeasterly	Private.	8	....	100
Paulina	Broadway	Holland st.	Private.	40	....	775
Pearl	Crescent st.	Mt. Vernon st.	Public.	40	300	....
Pearl	Mt. Vernon st.	Franklin st.	Public.	50	950	....
Pearl	Franklin st.	Cross st.	Public.	40	1,025	....
Pearl	Cross st.	Medford st.	Public.	50	2,475	....
Pearl St. pl.	Pearl st.	Northeasterly	Private.	20	....	200
Pearl ter.	Pearl st.	Northerly	Private.	23	....	161
Pearson ave.	Morrison ave.	Boston ave.	Private.	45	....	1,300
Pearson road	Broadway	Professors' row	Private.	40	....	1,654
Pembroke ct.	Pembroke st.	Southwesterly	Private.	25	....	130
Pembroke	Central st.	Sycamore st.	Private.	40	....	440
Perkins pl.	Perkins st.	Northeasterly	Private.	20	....	200
Perkins	Franklin st.	Charlestown line	Public.	40	1,350	....
Perry	Washington st	Lincoln parkway	Public.	40	606	....
Peterson ter.	Porter	Northwesterly	Private.	13+	....	155
Pinckney pl.	Pinckney st.	Southeasterly	Private.	24	....	125
Pinckney	Washington st.	Perkins st.	Public.	40	1,170	....
Pitman	Beech st.	Spring st.	Private.	30	....	380
Pitman	Spring st.	Belmont st.	Private.	26	....	390
Pleasant ave.	Walnut st.	Vinal ave.	Public.	40	470	....
Poplar ct.	Poplar st.	Southeasterly	Private.	10	....	80
Poplar	Somerville ave.	Linwood st.	Private.	30	....	350
Poplar	Linwood st.	Joy st.	Private.	35	....	300
Porter ave.	Porter st.	Northwesterly	Private.	20	....	220
Porter pl.	Porter st.	Northwesterly	Private.	20	....	195
Porter	Elm st.	Mountain ave.	Public.	45	1,530	....
Porter	Mountain ave.	Highland ave.	Public.	40	425	....
Powder house boulevard	Powder house square	Northwesterly, Mystic river and Medford line	Public.	80	7,200	....

Table Showing the Location, Length, and Width of Public and Private Streets.—Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Prescott	Summer st.	Highland ave.	Public.	50	1,050	....
Preston	School st.	Summer st.	Public.	40	800	....
Pritchard ave.	Morrison ave.	Boston ave.	Private.	40	....	1,145
Princeton	Alpine st.	Lowell st.	Public.	40	657	....
Princeton	Lowell st.	Centre st.	Private.	40	....	540
Professors' row	Boston ave.	College ave.	Private.	50	....	460
Professors' row	College ave.	Curtis st.	Private.	40	....	1,900
Prospect	Washington st.	Cambridge line	Public.	50	2,050	....
Prospect Hill av.	Medford st.	Munroe st.	Public.	40	450	....
Prospect pl.	Prospect st.	E. Newton st.	Private.	20	....	130
Putnam	Summer st.	Highland ave.	Public.	50	1,240	....
Quincy	Somerville ave.	Summer st.	Public.	40	700	....
Randolph pl.	Cross st.	Westerly	Private.	15	....	244
Raymond ave.	Curtis st.	North st.	Public.	40	1,345	....
Record's pl.	Broadway	Southwesterly	Private.	10	....	110
Reed's ct.	Oliver st.	Southwesterly	Private.	20	....	105
Remick ct.	Cutter st.	Southeasterly	Private.	10	....	100
Richardson	Lowell st.	Lawrence st.	Private.	35	....	480
Richardson ter.	Richardson st.	Northeasterly	Private.	20	....	135
Richdale ave.	School st.	Sycamore st.	Public.	40	875	....
Richmond hi'h'ds	Madison st.	Southerly	Private.	30	....	150
Roberts	Lawrence st.	Northwesterly	Private.	20	....	170
Robinson	Central st.	Bartlett st.	Public.	40	582	....
Rogers ave.	Morrison ave.	Broadway	Private.	45	....	1,700
Roseland	Beacon st.	Cambridge line	Public.	40	100	...
Rossmore	Somerville ave.	Washington st.	Public.	40	534	....
Royce pl.	Bonair st.	Northeasterly	Private.	15+	....	175
Rush	Broadway	Flint st.	Public.	40	1,400	....
Russell road	Broadway	North st.	Private.	40	....	1,193
Russell	Elm st.	Cambridge line	Public.	40	700	....
Sacramento	Somerville ave.	Fitchburg R. R.	Public.	40	80	....
Sacramento	Fitchburg R. R.	Beacon st.	Public.	40	290	....
Sacramento	Beacon st.	Cambridge line	Private.	40	....	156
Sanborn ave.	Warren ave.	Walnut st.	Public.	40	280	....
Sargent ave.	Broadway	Walnut st.	Public.	40	1,082	....
Sartwell ave.	Cedar st.	Cherry st.	Private.	35	....	400
Sawyer ave.	Packard ave.	Curtis st.	Private.	40	....	690
School	Somerville ave.	Highland ave.	Public.	40	1,870	....
School	Highland ave.	Broadway	Public.	50	2,500	....
Sellon pl.	Marshall st.	Northwesterly	Private.	12	....	120
Seven Pines ave.	Cameron ave.	Cambridge line	Private.	40	....	80
Sewall ct.	Sewall st.	Southwesterly	Private.	25	....	190
Sewall	Grant st.	Temple st.	Public.	40	615	....
Shawmut pl.	Shawmut st.	Alston st.	Private.	30	....	200
Shawmut	Washington st.	Cross st.	Public.	40	550	....
Shedd	Somerville ave.	Merriam ave.	Private.	40	....	310
Sherman pl.	Sargent ave.	Marshall st.	Private.	10	....	250
Sherman	Somerville ave.	Frost ave.	Private.	35	....	270
Sibley ct.	Cutter st.	Northwesterly	Private.	10	....	100
Sibley pl.	Cutter st.	Northwesterly	Private.	10	....	100
Simpson ave.	Broadway	Holland st.	Private.	40	....	825
Skehan	Dane st.	Durham st.	Private.	30	....	720
Smith ave.	Beacon st.	Line st.	Private.	25+	....	200
Snow pl.	Belmont st.	Easterly	Private.	30	....	75
Snow pl.	Snow pl.	N'th'ly and S'th'y.	Private.	20	....	222
Snow ter.	Jaques st.	Southwesterly	Private.	16	....	120
Somerville ave.	E. Camb. line	Union sq.	Public.	75	4,300	....
Somerville ave.	Union sq.	N. Camb. line	Public.	70	6,800	....
South	Medford st.	Water st.	Public.	30	989	....
Spencer ave.	Cedar st.	Fanning ave.	Private.	40	....	727
Spring ct.	Somerville ave.	Westerly	Private.	20	....	200
Spring	Somerville ave.	Summer st.	Public.	40	1,200	....
Springfield	Concord ave.	Cambridge line	Public.	40	800	....
Spring Hill ter.	Highland ave.	Belmont st.	Private.	20	....	670
Stanford ter.	Beacon st.	Northeasterly	Private.	20	....	200

Table Showing the Location, Length, and Width of Public and Private Streets. –Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Stickney ave.	Marshall st.	School st.	Public.	40	458	....
St. James ave.	Elm st.	Summer st.	Public.	40	488	....
Stone ave.	Union sq.	Columbus ave.	Public.	40	676	....
Stone pl.	Stone ave.	Southeasterly	Private.	30	....	145
Summer	Bow st.	Elm st.	Public.	45	7,700	....
Summit ave.	Walnut st.	Vinal ave.	Public.	45	470	....
Summit	College ave.	Billingham st.	Public.	40	262	....
Sumner	Lawrence st.	Northwesterly	Private.	20	....	175
Sunnyside ave.	Walnut st.	Wigglesworth st.	Private.	35	....	250
Sycamore	Broadway	Medford st.	Public.	45	1,250	....
Sycamore	Medford st.	B. & L. R. R.	Public.	40	582	....
Sycamore	B. & L. R. R.	Highland ave.	Private	33	....	720
Sydney	Wheatland st.	Temple st.	Private.	40	....	925
Talbot ave.	Packard ave.	College ave.	Private.	50	....	1,400
Taunton.	Wyatt st.	Easterly to angle	Private.	30	....	170
Taunton	Angle	Marion st.	Private.	20	....	95
Taylor pl.	Somerville ave.	Southerly	Private.	15	....	200
Taylor	Mystic ave.	Sydney st.	Private.	40	....	310
Temple	Broadway	Mystic ave.	Public.	66	1,540	....
Tenney ct.	Mystic ave.	Northeasterly	Private.	30	....	400
Tennyson	Forster st.	Pembroke st.	Public.	40	869	....
Thorndike	Holland st.	Arl'ngt'n Br. R. R.	Public.	40	465	....
Thorndike	Arl'gt'n Br. R.R.	Kingston st.	Private.	40	....	115
Thorpe pl.	Highland ave.	Southwesterly	Private.	30	....	450
Thurston	Broadway	Richdale ave.	Public.	40	1,660	....
Tower ct.	Tyler st.	Northeasterly	Private.	25	....	150
Tower	Crown st.	Highland ave.	Public.	40	559	....
Tremont pl.	Tremont st.	Southeasterly	Private.	about 10	....	75
Tremont	Webster ave.	Cambridge line	Public.	40	589	....
Trull	Vernon st.	Medford st.	Public.	40	1,050	....
Trull lane	Highland ave.	Oxford st.	Private.	15	....	200
Tube Works ct.	Somerville ave.	Southwesterly	Private.	20	....	150
Tufts	Washington st.	Cross st.	Public.	40	940	....
Tyler	Vine st.	Dane st.	Public.	40	404	....
Unnamed st.	P'wd'r h'se blvd.	Southwesterly	Private.	40	....	183
Unnamed st.	Mystic ave	Middlesex ave.	Private.	40	....	433
Unnamed st.	Mystic ave.	Middlesex ave.	Private.	40	....	583
Unnamed st.	Mystic ave.	Middlesex ave.	Private.	40	....	706
Union	Broadway	Mystic ave.	Public.	40	330	....
Union pl.	Linwood st.	Southwesterly	Private.	10	....	100
Upland Park	Main st.	Southwesterly	Private.	20	....	175
Veazie	Walnut st.	Bradley st.	Private.	40	....	650
Vernon	Central st.	Jenny Lind ave.	Public.	40	740	....
Vernon	Jenny Lind ave.	Lowell st.	Private.	30	....	600
Victoria	Broadway	Cambridge line	Private.	40	....	1,036
Villa ave.	Winslow ave.	Arlington B. R. R.	Private.	35	....	200
Village	Dane st.	Vine st.	Private.	25	....	370
Vinal ave.	Summer st.	Highland ave.	Public.	45	1,400	....
Vinal	Richardson st.	Northeasterly	Private.	20	....	200
Vine ct.	Vine st.	Northwesterly	Private.	25	....	140
Vine	Somerville ave.	Hanson st.	Private.	40	....	780
Vine	Hanson st.	Beacon st.	Private.	25	....	650
Virginia	Aldrich st.	Jasper st.	Public.	40	405	....
Wade ct.	Cedar st.	Westerly	Private.	20	....	180
Waldo ave.	Beacon st.	Dimick st.	Private.	40	....	277
Waldo	Highland ave.	Hudson st.	Public.	40	287	....
Wallace	Holland st.	Broadway	Public.	40	1,350	....
Walnut	Bow st.	Broadway	Public.	40	3,830	....
Walter pl.	Walter st.	Southwesterly	Private.	40	....	222
Walter	Walnut st.	about 100 ft. N. of Bradley st.	Public.	40	548	....
Ward	Medford st.	Earl st.	Private.	30	....	610
Ware	Curtis st.	Northwesterly	Private.	40	....	700

Table Showing the Location, Length, and Width of Public and Private Streets.—Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Warner	Powder House sq.	Medford line	Public.	60	500	....
Warren ave.	Union sq.	Columbus ave.	Public.	40	650	....
Warren	Medford st.	Cambridge line	Private.	30	....	100
Warwick place	Warwick st.	Northeasterly	Private	15	....	150
Warwick	Cedar st.	Warwick ave.	Public.	40	655	....
Washington ave.	Washington st.	Northerly	Private.	18	....	350
Washington	Charlest'n line	Franklin ave.	Public.	75	1,060	....
Washington	Franklin ave.	Fitchburg R. R.	Public.	60 to 100	3,870	....
Washington	Fitchburg R. R.	Cambridge line	Public	60	2,380	....
Water	South st.	Northerly	Private.	25	....	250
Waterhouse	Broadway	Cambridge line	Private.	40	....	986
Watson	Broadway	Fairmount ave.	Private.	40	....	236
Waverley	Washington st.	Southerly	Private.	35	....	200
Webster ave.	Union sq.	Cambridge line	Public.	49.5	1,950	....
Webster	Franklin st.	Cross st.	Public.	40	1,100	....
Wellington ave.	Walnut st.	Montgomery ave.	Public.	40	215	....
Wellington ave.	Montgomery ave.	Easterly	Private.	40	....	85
Wesley pk.	Wesley sq.	Northeasterly	Public.	40	405	....
Wesley	Pearl st.	Otis st.	Public.	40	515	....
West	Broadway	Heath st.	Private.	30	....	250
West	Hawthorne st.	Arlington B. R. R.	Private.	30	....	460
Westminster	Broadway	Electric ave.	Public.	40	376	....
Weston ave.	Clarendon ave.	Broadway	Private.	40	....	525
Westwood road	Central st.	Benton road	Public.	40	489	....
Wheatland	Broadway	Jaques st.	Public.	40	495	....
Wheatland	Jaques st.	Mystic ave.	Private.	40	....	855
Wheeler	Pinckney st.	Mt. Vernon st.	Public.	40	269	....
Whipple	Hawthorne st.	Arlington B. R. R.	Private.	30	....	575
†White	Elm st.	Cambridge line	Public.		507	....
White St. pl.	White st.	Southeasterly	Private.	20	....	200
Wigglesworth	Bonair st.	Pearl st.	Public.	40	740	....
William	Chandler st.	College ave.	Public.	40	381	....
William	Broadway	Medford line	Private.	50	....	45
Williams ct.	Porter st.	Northwesterly	Private.	30	....	150
Willoughby	Central st.	Sycamore st.	Private.	30	....	400
Willow ave.	Elm st.	Broadway	Public.	50	3,440	....
Willow pl.	Cambridge line	South st.	Private.	25	....	150
Wilson ave.	Broadway	B. & L. R. R.	Private.	20	....	310
Wilton	Lowell st.	Lawrence st.	Private.	35	....	470
Winchester	Broadway	Medford line	Private.	40	....	65
Windham road	Washington st.	Northeasterly	Private.	40	....	335
Windom	Elm st.	Summer st.	Public.	40	300	....
Windsor road	Willow ave.	Gordonia road	Public.	40	575	....
Winslow ave.	College ave	Clifton st.	Public.	40	1,086	....
Winter	College ave	Holland st.	Private.	30	....	430
Winter Hill cir.	Broadway	Northeasterly	Private.	25	....	177
Winthrop ave. (Fellsway.)	Broadway	Mystic ave.	Public.	50	1,170	....
Woodbine	Centre st.	Lowell st.	Private.	30	....	600
*Woods ave	North st.	Alewife brook	Private.	40	....	1,350
Woodstock	Victoria st.	Alewife brook	Private.	40	....	415
Wyatt ct.	Wyatt st.	Westerly	Private.	13	....	200
Wyatt pl.	Wyatt st.	Westerly	Private.	10	....	70
Wyatt	Concord ave.	Lincoln parkway	Public.	40	496	....
Yorktown	100 ft. north of Malvern ave.	Cambridge line	Private.	40	....	548

*Proposed.
†Sidewalk in Somerville.

Table Showing the Location, Length, and Width of Public and Private Streets.—Concluded.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Court	16 Craigie st. .	Westerly . . .	Private.	25	....	126
Court	26 Craigie st. .	Westerly . . .	Private.	25	...	126
Court	36 Craigie st. .	Westerly . . .	Private.	25	....	126
Court	292 Broadway .	Southwesterly . .	Private.	15	....	96
Court	58 Dane st. . .	Easterly	Private.	10	....	70
Court	66 Lowell st. .	Westerly . . .	Private.	25	....	101
Court	78 Lowell st. .	Westerly . . .	Private.	25	....	101
Court	Olive ave. . .	Porter st. . .	Private.	7.5	....	156
Court	10 Stone ave .	Northwesterly . .	Private.	20	....	113
Court	21 Albion st. . .	Northeasterly . .	Private.	10	....	100
Court	227 Columbia st.	Northwesterly . .	Private.	10	....	117
Court	11 Albion st. .	Northeasterly . .	Private.	9	....	170
Court	20 Dimick st. .	Southwesterly . .	Private.	39.25	....	136
Court	255 Wash'gt'n st.	Northwesterly . .	Private.	30	....	176
Court	11 Cedar st. . .	Southeasterly . .	Private.	15	....	145
Total . .	. . . . .	. . . . .	. . .	. . .	326,021	154,408

Public, 61.74 miles; private, 29.24 miles.

TWENTY-EIGHTH

ANNUAL REPORT

OF THE

CITY ENGINEER

OF THE

CITY OF SOMERVILLE

MASSACHUSETTS

FOR THE YEAR 1901

SOMERVILLE JOURNAL PRINT
1902

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edgestone and 2.793 miles of brick and granolithic sidew the average cost for setting the edgestone was eighty-two per linear foot and the laying of brick sidewalk ninety cent square yard. In laying granolithic sidewalk the city has ass what would be paid if a brick walk had been laid and the abu owners the remainder; also lines and grades have been give the resetting of 9,000 linear feet of edgestone on old sidewa The total lengths of sidewalks in the city are respectively: Ed stone, 90.447 miles, and brick, 57.838 miles.

Thirteen streets have been accepted during the year und the betterment act, an aggregate length of one and twelv hundredths miles. A portion of these streets have been grade and macadamized, but no assessments levied.

Stone bounds should be set at all intersections whenev these new streets are laid out, so that the lines and angle point may be accurately defined and preserved for future reference. This important matter has been neglected for many years.

Under the revised ordinances, all plans for the acceptance of streets as public ways are made by the city engineer's department, and the expense charged to the property owners on the street. This has been satisfactory to both the abutters on the street and the city, as the lines and grades are agreed upon with no misunderstanding, incorrect plans do not have to be made over, all the data for establishing the acceptance lines and grades are on record in the office, and the expense is less to the property owners.

Streets Accepted in 1901, and to Be Constructed under the Betterment Act.

Name of Street.	Ward.	From	To	Width in Feet.	Length in Feet.
Columbus ave .	3	Windham road.	Northwesterly .	40	73
Conwell . . .	6	Highland ave. .	Southwesterly .	35	363
Elmwood . . .	7	Holland st. . .	Cambridge line.	40	1,057
Fremont . . .	5	Main st. . . .	Meacham st. .	40	612
Gilman ter. . .	4	Pearl st. . . .	Northeasterly .	40	360
Gordonia road . now Hancock st	6	Summer st. . .	Highland ave. .	40	521
Hammond . . .	2	Dickinson st. .	Concord ave. .	40	267
Museum . . .	6	Beacon st. . .	Cambridge line.	40	164
Powder H'se ter.	7	Kidder ave. . .	Northeasterly .	40	331
Spencer ave. . .	6	Cedar st. . . .	Hancock st. .	40	727
Sycamore . . .	5	Highland Ave. .	B. & L. R. R. .	35	660
Sydney	4	Grant st. . . .	Temple st. . .	40	679
Thorndike . . .	7	B. & L R. R. .	Kingston st. . .	40	115
Total . . .	. .	. . . . .	(1.12 miles)	. . .	5,929

Length of Accepted Streets in Each Ward.

	Miles
Ward One	8.500
Ward Two	7.032
Ward Three	6.115
Ward Four	8.068
Ward Five	10.152
Ward Six	10.297
Ward Seven	12.924
Total length of accepted streets in the city	63.088

Grades have been given for relaying 3,836 square yards of the old granite block paving in Union square; this work will last for a few years, but the square eventually should be laid with a less noisy and less dusty pavement, the prepared wooden block paving, similar to that just laid on Harvard bridge. A pavement of this kind, cleaned during the night and properly cared for, would give the business section of this square what is desirable; and in other sections of the city a bituminous macadam could be laid to advantage, both as a wearing surface and as to cost.

A number of street names have been changed during the year, new streets numbered, and various old streets re-numbered. All buildings throughout the entire city were numbered previous to May first for the benefit of the assessors' department.

The total length of public streets in the city amounts to 63.088 miles and private streets 28.822 miles.

Lines and grades have been given for laying over three miles of new water mains, and all hydrants, gates, and water services accurately located and recorded in this office for future reference.

All plans filed at the Registry of Deeds, East Cambridge, showing property in Somerville, have been copied and indexed, and abstracts made from all deeds where assessments have been levied for sewers and sidewalks constructed and streets accepted.

Eight granite tablets, suitably inscribed, have been made and are to be erected in different parts of the city to mark historical points of interest.

A set of block plans could be made of the entire city from accurate surveys made during the past twenty-five years and compared, section by section, with the deed dimensions and areas recorded in the Assessors' Department, and in this manner the correct areas of land always determined; this set of plans would also be of value to the water department and various other city departments, and would more than pay for the cost of making.

Grade Crossings and Bridges.—Nothing definite has been decided on the question of abolition of grade crossings on the line of the Fitchburg division in this city, as the best means of separating the present grades of the different railroads and the city's street at Somerville avenue has not been determined, it in-

volving the question of possible grade changes of the Lowell division of the Boston & Maine railroad, as well as the Grand Junction railroad in Cambridge. But the matter of abolishing the crossings between Webster avenue and Beacon street could be carried on in the mean time, if it was so decided, as this work can be treated wholly independent of the other grade crossings.

On the line of the Boston & Lowell division, two old bridges should be rebuilt immediately, namely, at School street and Sycamore street, and some conclusion should be arrived at with the Boston & Maine railroad corporation as to the construction of a new bridge at Lowell street, a most important crossing in the centre of our city, and eventually will be one of the principal cross-town streets.

Plans have been made which contemplate constructing a new pile bridge with a paved roadway over Mystic river just west of the Middlesex avenue bridge. This new structure is to be built under the direction of the Metropolitan Park Commission, and will be used jointly for boulevard travel and teaming purposes. Somerville has proposed the changing of the present established pier, or building line, shortening the length of the bridge, improving the river front and filling in the mud flats; at the same time it is proposed to widen the Fellsway drive on the westerly side, about seventy-two feet, which will make a broad approach to the new bridge.

Record plans have been made of all new work constructed in the city during the year, and many plans, estimates, etc., made for committees as required.

Statement of Expense, 1901, Engineer's Department.

Salary City Engineer (including maintenance of team)	$2,800 00	
Salaries of assistants	8,238 77	
Stakes, tools, and general supplies (outside work)	199 43	
Draughting materials and office supplies (inside work)	237 34	
Car fares	216 30	
Telephone and incidentals	59 49	
Total expenditure in the department		$11,751 33
Appropriation	$11,900 00	
Credit by amount received for making acceptance plans	125 00	
		12,025 00
Balance unexpended		$273 67

Classification of Expenditures, Assistants' Salaries.

Sewers—comprising surveys, estimates, profiles, lines, grades, titles, plans, assessments, and all engineering work relating to sewers	$2,597 36	
Amount carried forward	$2,597 36	

Amount brought forward . . .	$2,597 36	
Highways—comprising plans, estimates, titles, profiles, lines and grades, and all other engineering relating to the department	805 72	
Sidewalks—comprising profiles, lines, grades, measurements, titles, costs, and assessments	337 95	
Water Works—comprising lines, grades, locations of mains, gates, hydrants, and services, and other matters relating to water department	398 88	
Public Grounds—comprising surveys, plans, estimates, profiles, and grades, including laying out of parks and grounds .	293 19	
Public Buildings—comprising surveys, estimates, lines, grades, and other work relating to construction . . .	43 86	
Street Numbering—comprising locations of buildings, plans, and affixing street numbers on houses	249 82	
Street Lines and Grades—comprising establishing of lines, grades, and miscellaneous data given parties for building and grading	207 30	
Middlesex Registry—comprising copying of plans and abstracts from deeds filed, and examination of titles . . .	101 53	
City Survey—comprising lines, angles, and measurements, calculations of traverses, and locations of division lines and buildings	714 78	
Powder House Boulevard—comprising surveys, calculations, taking of land plans, construction plans, profiles, deeds, and general engineering work in laying out and constructing . .	636 38	
Railway, Telephone, Electric Light, and Gas Light Companies—comprising grades, plans, profiles, and office notes, locations of poles and conduits . . .	39 01	
Office Work—comprising records of all locations, indexing, typewriting, calculations, and general draughting . .	842 39	
Miscellaneous Work—comprising preliminary surveys, designs, sketches, etc., relating to various schemes for different committees	132 40	
Vacations and Sickness	338 20	
Total		$8,238 77

Twenty assistants have been employed at various times during the year.

Office Records and Value of Instruments.

Number of survey note books, sewer permit books, and deed books . . .	230
Number of plans, including sewers, highways, parks, house lots, etc. . .	6,000
Value of field instruments, tools, and office instruments	$1,400 00

SEWER DEPARTMENT.

Considerable was accomplished during the past year in the matter of procuring permanent drainage rights in property belonging to the Boston & Maine railroad corporation, two important agreements between the city and railroad company having been signed, which have been in an unsatisfactory state for a number of years past.

One a matter of a large expenditure by the railroad company in constructing for the city a permanent outlet across marsh land east of Middlesex avenue into Mystic river for the purpose of draining storm water in the eastern district of the city; probably this outlet will be constructed during the coming year.

The other location obtained is along the northeasterly side of the Lexington & Arlington branch division of the Boston & Maine railroad, between Holland street and Willow avenue, where the city has been permitted to construct a large storm water relief drain. This circular structure, thirty inches and twenty-four inches in diameter, respectively, has been completed its entire length, about one-half a mile, and overflow connections constructed at various points with the overcharged drainage system in this section, and will give relief to many cellars that have been badly flooded in times of storms, especially along Morrison avenue and vicinity.

The "Tannery Brook Drain" outlet in the city of Cambridge has been improved and extended through private lands, by agreement with the respective owners, thereby completing a portion of the work commenced in 1896 for draining a large area in the westerly part of the city and settling a disputed question of water rights on the line of the old brook.

The Cedar-street sewer has been enlarged for storm drainage purposes between Sartwell avenue and Highland avenue, to prevent the flooding of cellars along this line. The top of the old 24-inch sewer was removed and a new arch constructed of larger dimensions increasing the capacity sufficiently to carry off all storm water. In connection with this re-construction two parallel pipe sewers were laid and the house drains connected in the low section of the street to prevent any backing up of sewage during heavy storms; these 8-inch pipe sewers can be used in the future for "separate system" sewers.

A 24-inch pipe drain has been laid in Somerville avenue, between Belmont street and Lowell street, with which all catch basins between these points have been connected, and the street water carried off in times of storms, relieving the flooding experienced heretofore on account of the old sewer being of insufficient capacity.

The length of storm drains constructed during the year was 4,676.2 feet, and cost $17,423.97, and the following table shows the locations:—

CITY OF SOMERVILLE
ENLARGEMENT
(OF OLD)
CEDAR STREET SEWER
1901
ERNEST W BAILEY CITY ENGINEER
PORTLAND BRICKWORK
STORM DRAIN
OLD ARCH REMOVED
RADIUS 2'-2"
AND
RADIUS 5'-1"
10 INCH
SEWER
8"
2"
8 INCH SEWER
8 INCH SEWER
HOUSE DRAIN
HOUSE DRAIN
PORTLAND CONCRETE
PORTLAND CONCRETE

Storm Drains Constructed.

Location.	From	To	Length in Feet.	Cost.
Cedar street . . .	Sartwell avenue .	Highland avenue.	1,178.7	$4,189 58
Somerville avenue .	Spring street . .	Lowell street . .	705.0	1,432 96
Tannery Brook drain extended on private lands in Cambridge	Clarendon avenue	Near Alewife Brk.	657.3	1,769 82
Tannery Brook drain extended along Lex. & Arl. Br. R. R.	Holland street .	Willow and Morrison avenues .	2,135.2	10,031 61
Total length and cost			4,676.2	$17,423 97

The new "separate system" sewers (which take house drainage only into the Metropolitan system) have been extended during the year in the southwesterly part of the city; generally being laid on both sides of the street under the sidewalks, and when the house drains in this district have been connected with the new sewers and the proper alterations made with the roof water connections, many cellars will be relieved which are now flooded at times.

Ten of the "separate system" sewers have been laid in various streets in this section during the season, a total length of 7,463.3 feet, and cost $11,063.22, for which no assessments are levied. (See table of sewers.)

In various parts of the city new sewers have been laid as petitioned for during the year, and assessments levied on the property benefited. These sewers were constructed in twelve different streets, a total length of 5,015.7 feet, and cost $5,927.10; the assessments amounted to $2,953.10, leaving a net cost to the city of $2,974.00. (See table of sewers.)

The length of sewers constructed in 1901, separate and combined systems, was 12,590.2 feet (2.385 miles). The total length of sewers in the city amounts to eighty miles, and the cost of construction has been $923,600, and the total length of storm drains constructed 3.91 miles, costing $153,400.

Forty-six new catch basins have been constructed during the past year, costing $2,229.20, making a total of 1,164 catch basins in the city for street drainage purposes. The cost of constructing thirty catch basins on the new Powder-house boulevard has been charged to this sewer account.

Metropolitan Sewer Connections.—Sewers in a section of the city comprising about twenty-one acres in the vicinity of North Union street have been entered into the Metropolitan

sewer by the construction of a "regulator chamber," and connections, this being the only portion of the city's sewer system that had not been connected with the state sewer.

The cost of this connection, including the laying of 110 feet of 18-inch pipe sewer, was $1,662.29.

Table Showing City's Connections with the Metropolitan Sewerage System, and Cost of Construction.

Year made.	Location.	Cost.	
1896.	Mystic avenue, at Moreland street	$1,400 10	
1896.	Mystic avenue, at Winthrop avenue	4,548 50	
1896.	Waverley street, at Roland street	2,411 66	
1896.	Somerville avenue, at Poplar street		
1896.	Somerville avenue, at Poplar street (connection for slaughter houses)	6,451 85	
1898.	Somerville avenue, at Poplar street (separate system)	861 00	
1898.	Woodstock street, at Alewife brook (separate system)	256 64	
1898.	Broadway, at Alewife brook (separate system)	205 46	
1898.	Raymond avenue (extended), at Alewife brook (separate system)	402 30	
1901.	North Union street (combined system)	1,333 25	
1896.	Winchester street (connected through City of Medford, separate system)	.....	
1896.	Boston avenue (connected through City of Medford, separate system)	.....	
1896.	Pearson road (connected through City of Medford, separate system)	.....	
1896.	Seven Pines avenue (connected through City of Cambridge, separate system)	.....	
	Total cost		$17,870 76

Table Showing Amounts Paid Commonwealth of Massachusetts on Account of Construction and Maintenance of the North Metropolitan Sewer System.

Year.	Construction.	Maintenance.
1894	$22,230 79	$6,510 20
1895	29,872 56	6,964 40
1896	39,661 06	13,148 55
1897	39,260 25	13,292 25
1898	22,520 16	9,046 15
1899	29,278 44	13,579 65
1900	28,272 40	13,651 50
1901	29,919 09	11,276 10
	$241,014 75	$87,468 80

Total amount paid, $328,483.55.

Statement of Expense, 1901, Sewers Construction Account.

Extending "separate sewer system" (no assessments)	$11,063 22	
Constructing sundry sewers (assessments levied)	5,927 10	
Constructing storm drains	17,423 97	
Constructing connection with Metropolitan sewer, North Union street	1,662 29	
Building forty-six catch basins, street drainage	2,229 20	
Cost of thirty catch basins constructed on Powder House Boulevard	1,990 00	
Incidentals	30 55	
Final payments on sewers constructed in 1900	1,453 93	
Tannery Brook drain constructed 1896, land damages	239 02	
Total		$42,019 28
Materials on hand December 31, 1901, drain pipe, $744.40, catch-basin stock, $41.50, manhole stock, $140.60	$926 50	
Balance on hand, as shown by City Treasurer's account		$10,748 17

Sewers — Maintenance.—Over eighty miles of sewers in the city are connected with the Metropolitan sewer system, all of which have to be cleaned, flushed, repaired and kept in working order at all times, and this is an important item in the sanitary condition of the city. There are nearly twelve hundred catch basins connected with the city's drainage system which are cleaned from one to ten times during the year, according to their location and use. About 4,740 loads of material have been removed during the year.

Seventy-seven catch basins have been repaired, grade changed, or rebuilt; fifty-seven manholes grade changed or repaired, and sixteen sewers have been partially rebuilt where needed.

During the year three hundred and eighty-four permits have been issued to licensed drain layers for connecting houses with the main sewers, eighteen of which were for repairs. This work is all done under the supervision of an inspector, and the drains located and recorded. There are at present about 12,000 house drain connections with the city's sewerage system.

Records kept by an automatic recording clock, placed in the regulator chamber on the combined system, at the Somerville avenue and Poplar street connection with the Metropolitan sewer, shows this outlet to have been cut off as follows:—

1899	(6 months)	completely	closed	125	hours,	partly	closed	22 hours.
1900		"	"	353	"	"	"	114 "
1901		"	"	386	"	"	"	225 "

Sections of the old eight-foot Somerville-avenue sewer, between the Fitchburg railroad and the East Cambridge line, are in

:UCTION AND COST.

Inlets	Pipe Sewer, Cost per Lineal Foot.							Total cost.	Assessment.	Cost to City.
	Excavating, Refilling, and Pipe Laying.		Pipe, including Sub-drain where laid.	Inspection.	Miscellaneous.	Lumber.	Average cost per lineal foot.			
	Main Sewer.	Sub-drain.								
15	$0.55	.....	$0 17	$0 03	$0.02	.....	$0.97	$188.45	$183.91	$4.54
72	.....	.....	.....	.....	.....	.....	1.00	1,812.00	.....	1,812.00
62	.53	.15	.15	.05	.05	.....	.96	769.81	.....	769.81
27	.70	.....	.14	.04	.04	.....	1.00	726.80	.....	726.80
33	1.10	.....	.13	.04	.03	.01	1.46	1,450.58	.....	1,450.58
16	.53	...	.21	.05	.....	.....	.90	296.25	291.86	4.39
6	.53									
22	.25	.....	.18	.11	.01	.....	2.10	1,208.48	697.49	510.99
4	.23	.....	.19	.07	.12	.....	.90	119.53	112.21	7.32
27	.85	.....	.12	.04	.07	.01	1.29	613.94	.....	613.94
5	.39	.....	.13	.07	.01	.....	.60	83.84	48.98	34.86
35	.35	... .	.24	.04	.01	.....	1.68	997.04	744.22	252.82
11	.36	.....	.13	.05	.09	.....	2.07	426.09	190.79	235.30
27	.59	.....	.16	.04	.01	.....	.92	551.73	.....	551.73
.....	2.27	.....	.68	.....	.....	.....	2.99	1,662.29	.....	1,662.29
15	.39	. ..	.17	.03	.02	.....	.90	342.24	340.35	1.89
7	.41									
8	.....	.....	.....	.....	.....	.....	.....	Part. 106.71	.....	106.71
15	1.35	.15	.27	.07	.02	.82	2.75	3,472.17	.....	3,472.17
8	1.25	.15								
22	1.20	.15								
48	.63	.....	.13	.03	... .	.01	.91	583.79	.....	583.79
23	.41	.....	.14	.06	.03	.....	.84	346.47	343.29	3.18
23	.84	....	.13	.03	... .	.01	1.22	765.10	.....	765.10
.....	.85									
26	1.35	....	.13	.05	.06	.04	1.58	2,129.30	.....	2,129.30
16	.55									
. . . . .								$18,652.61	$2,953.10	$15,699.51

iles.

TABLE

Date of Construction.	Di
	East Somerv
1900	Mystic an
1897	Mystic ave Winthrop
1898	Broadway Cross st. Winthrop Broadway Sargent st Sherman Marshall Gilman sq Medford
1900	School st. Richdale
1899	Otis st.
	Lowell R. R.
1896–'99	Private la
	Somerville A
1898	Union sq. Bow st. Summer st
1899	School st.
1901	Somerville Cedar st.
	Tannery Bro
1898–1901	Tannery B
1896	Tannery B Cameron a Gorham st Jay st.
1898	Day st.
1901	Lex. and A
	Total length and co

*Land damages excepted

TABLE SHOWING LENGTH AND COST OF SEPARATE SYSTEM

of Construction.	Street.	From.	To.	Length in Feet.	Cost by Years.
1899–'00	Prospect st. (both sides)	Webster ave.	Near Cambridge line	2,056.9	
1898	Raymond ave.	North st.	Southeasterly	1,194.5	
1900	Rogers ave.	Broadway	Near Frederick ave.	962.4	
1898–'00	Somerville ave (north side)	Franklin ct.	Linden ave.	9,935.3	1900
1896	Somerville ave. (south side)	Opp. Poplar st.	East of F. R. R.	1,081.0	
1900	Somerville ave. (south side)	Laurel st.	Opp. Craigie	2,261.7	$39,427 69
1901	Somerville ave. (south side)	Prospect st.	Malloy ct.	1,263.8	
1899	Springfield st. (both sides)	Concord ave.	Near Cambridge line	1,494.8	
1896	Tannery Brook.	Clarendon ave.	84 ft. east of Thorndike st.	3,907.9	
1896	Thorndike st.	Howard st.	Southwesterly and northeasterly	251.2	
1901	Tremont st.	Webster ave.	Near Cambridge line	638.6	
1900	Upland park	Broadway	Southwesterly	195.2	
1898	Victoria st.	Woodstock st.	Near Broadway	847.4	
1900	Washington st. (north side)	Opp. Lincoln park	Hanson st.	1,518.3	
1900	Washington st. (south side)	Lincoln park	Perry st.	444.0	
1900	Washington st.	South side	North side	48.3	
1898	Waterhouse st.	Woodstock st.	Near Broadway	791.2	
1897–'01	Webster ave. (both sides)	Near Union sq.	Near Cambridge line	4,672.3	
1896	Willow ave.	Broadway	Near Fosket st.	997.9	
1896	Wilson ave.	Broadway	Southwesterly	314.8	1901
1896	Winchester st.	Medford line	Broadway	102.7	$11,489 31
1898	Woodstock st., private lands, and proposed st.	Metropolitan sewer Garrison ave.	Garrison ave. Farragut ave.	860.9	
1896	Yorktown st.	Cambridge line	Northeasterly	367.8	
	Total length and cost		(14.55 miles)	76,858.1	$138,078 84

Construction.	Street.	From.	To.	in Feet.	by Years.
1899–'00	Prospect st. (both sides)	Webster ave.	Near Cambridge line	2,056.9	
1898	Raymond ave.	North st.	Southeasterly	1,194.5	
1900	Rogers ave.	Broadway	Near Frederick ave.	962.4	
1898–'00	Somerville ave (north side)	Franklin ct.	Linden ave.	9,935.3	1900
1896	Somerville ave. (south side)	Opp. Poplar st.	East of F. R. R.	1,081.0	
1900	Somerville ave. (south side)	Laurel st.	Opp. Craigie	2,261.7	$39,427 69
1901	Somerville ave. (south side)	Prospect st.	Malloy ct.	1,263.8	
1899	Springfield st. (both sides)	Concord ave.	Near Cambridge line	1,494.8	
1896	Tannery Brook.	Clarendon ave.	84 ft. east of Thorndike st.	3,907.9	
1896	Thorndike st.	Howard st.	Southwesterly and northeasterly	251.2	
1901	Tremont st.	Webster ave.	Near Cambridge line	638.6	
1900	Upland park	Broadway	Southwesterly	195.2	
1898	Victoria st.	Woodstock st.	Near Broadway	847.4	
1900	Washington st. (north side)	Opp. Lincoln park	Hanson st.	1,518.3	
1900	Washington st. (south side)	Lincoln park	Perry st.	444.0	
1900	Washington st.	South side	North side	48.3	
1898	Waterhouse st.	Woodstock st.	Near Broadway	791.2	
1897–'01	Webster ave. (both sides)	Near Union sq.	Near Cambridge line	4,672.3	
1896	Willow ave.	Broadway	Near Fosket st.	997.9	
1896	Wilson ave.	Broadway	Southwesterly	314.8	1901
1896	Winchester st.	Medford line	Broadway	102.7	$11,489 31
1898	Woodstock st., private lands, and proposed st.	Metropolitan sewer Garrison ave.	Garrison ave. Farragut ave.	860.9	
1896	Yorktown st.	Cambridge line	Northeasterly	367.8	
	Total length and cost		(14.55 miles)	76,858.1	$138,078 84

a leaky condition, and tide water at times is forced through the bottom and sides of this structure, and will require extensive repairs. There are a number of old sewers that will have to be rebuilt in the near future.

There are about six miles of sewers in the city that have been built in previous years by land owners and are termed private sewers. Occasionally some of these sewers become clogged up or damaged, and the residents on the street apply to the sewer department for help in the matter of removing the deposit and repairing the damage.

As these sewers enter the city's mains and are practically a part of the sewerage system, they should be taken by the city, inspected, thoroughly repaired, or reconstructed, and treated as public sewers, so that the entire system may be owned and maintained by the city.

Sewers Maintenance Account, 1901.

CREDIT.

Appropriation	$10,350 00	
Materials on hand, cement, $3.60, lumber, $12.00	15 60	
Total		$10,365 60

DEBIT.

Maintenance of sewers, including repairing and cleaning	$3,002 61	
Maintenance of catch basins, repairing and cleaning	4,963 42	
Changing line and grade and repairing manholes	133 45	
Changing line and grade and repairing catch basins	359 63	
Inspection and location of house drains	396 56	
Rent of water course, between Mystic and Middlesex avenues	375 00	
New tools and supplies	522 25	
Repairs of tools and property	63 89	
Changing line and grade of manholes on account of street railway tracks	108 98	
Cleaning cellars flooded in time of storm	57 45	
Sundry expenses, car fares, telephones, etc.	55 18	
Maintenance of sewer department yards and buildings	126 18	
Materials on hand, bricks, $4.88, cement, $1.00, lumber, $12.00	17 88	
Total		10,182 48
Balance unexpended		$183 12
Value of tools and property used in maintenance of sewers	$1,075 30	

PUBLIC GROUNDS DEPARTMENT.

The various parks and playgrounds of the city have been maintained throughout the past year in the usual manner; ponds kept in condition for skating during the winter months, baseball and football grounds provided, and on the principal parks suitable flower beds, plants, etc., furnished in their seasons, and park police maintained.

At Lincoln park an out-doors' gymnasium has been added, with all the modern apparatus, and as soon as material is available the running track will be extended along the roadway to Perry street, making a fine "straight-away" for the short running events. A drinking fountain has been placed in the driveway opposite Clark street. In the course of time a modern building can be added to this athletic field that will combine dressing rooms, swimming tank, and various in-doors apparatus, making this park one of the most complete athletic fields to be found in any city.

The playgrounds on Somerville avenue at Kent street have been regraded and surfaced over with red gravel; swings, flying rings, and other apparatus added, and a drinking fountain erected.

The grounds on Spring hill, between Belmont and Lowell streets (formerly stand-pipe location), have been regraded, a drinking fountain added, and settees, flower beds, etc., provided.

A small area at the junction of Broadway and Main street on Winter hill has been purchased for park purposes, on which will probably be erected a statue of Paul Revere at some future time; the laying out of a street across private property on the northerly side of this triangular lot would make it of more value to the city as a park.

A piece of land comprising about 4.4 acres located between Broadway and the Powder-house boulevard, near Tufts park, has been leased to the city for a term of ten years for an athletic field; the city is to grade and fence the property and construct seats and dressing rooms. A portion of the field has been graded and will be completed in the early spring.

Another ball field in process of construction is located at the corner of Broadway and Cedar street, and the grading will be completed within a short time.

The lot of land at Glen and Oliver streets could be improved in shape, as a playground, by exchanging an area of the city's lot at the corner of Oliver street for the vacant land in the rear of the present lot; also the enlargement of the Webster-avenue lot by taking the land through to Columbia street would make this small playground more desirable.

Arrangements have been made for obtaining the remaining land for the Prospect-hill park, and a proposed plan of laying out as an historical and pleasure park made. If laid out as designed, a roadway will connect over the hill and through the park

CITY OF SOMERVILLE
VIEW
Showing Proposed
LAYING OUT OF PROSPECT HILL PARK
ERNEST W. DALEY CITY ENGINEER

to Union square, and a portion of the hill will remain as a revolutionary landmark. This roadway would give a direct line for driving across the city, with the use of the newly asphalted Cross street, between the Metropolitan boulevard crossing Mystic river and Harvard square and bridge in Cambridge.

Another section of the city, the ledge property on Clarendon hill, could be improved if laid out and developed on the lines of a park, and make the present dangerous spot safe and attractive in appearance, as well as adding to the city's valuation. Plans and profiles have been made that contemplate the laying out of Clarendon avenue through to Cambridge as a public street, and the filling in of the unsightly ledge-hole to certain grades to be used as a pleasure park with the adjacent land laid out as streets and desirable house lots.

Powder-house Boulevard.—This pleasure drive had been sub-graded previously, and during the past year it has been thoroughly macadamized its entire length, one and one-third miles. An imported trap-rock was used and placed on the roadway, so that when compacted and finished with steam rollers the macadam was six inches deep in the centre of the forty-foot width of street, and five inches deep at the gutter lines; the sidewalks and grass plots were finished to North street and sub-graded beyond, so that the entire boulevard is completed with the exception of tree planting, lighting, and a small amount of finishing on the sidewalks along Alewife brook.

This strip of land, eighty feet wide and 7,200 feet long, improved at the city's expense, could be turned over to the state for maintenance, and made a part of the Metropolitan system, as it is one of the principal boulevard connections with the Mystic Valley parkway. The total expenditure on this improvement will be more than paid for within a few years' time by the increased valuation of property in this section of the city.

The total area maintained by the city as parks and playgrounds amounts to fifty-eight acres.

Statement of Expense, 1901,—Maintenance.

Broadway Park (15.9 acres), maintenance:—		
Labor, care of walks, grass, etc.	$1,044 91	
Labor, preparing pond for skating	239 00	
Labor, police service, including new uniforms	301 45	
Labor, removing brown-tail moth	98 00	
Tools and supplies	93 92	
Repairing tools and property	35 35	
Plants, flowers, etc.	160 75	
		$1,973 38
Broadway Parkway (1.4 acres), maintenance:—		
Labor, care of grass, etc.	$44 00	
Plants, flowers, etc.	85 00	
		129 00
Amount carried forward		$2,102 38

Amount brought forward		$2,102 38
Central Hill Park (13.1 acres), maintenance:—		
Labor, care of walks, grass, etc.	$932 31	
Labor, removing ice and snow	110 00	
Labor, police service, including uniforms	276 90	
Labor, removing brown-tail moth	29 00	
Tools and supplies	74 76	
Repairing tools and property	26 57	
Plants, flowers, etc.	483 49	
		1,933 03
Lincoln Park (8.3 acres), maintenance:—		
Labor, care of walks, grass, etc.	$818 18	
Labor, flooding field for skating	84 00	
Labor, police service, including uniforms	239 45	
Tools and supplies	192 95	
Repairing tools and property	108 17	
Plants, flowers, etc.	20 00	
Grading track and grounds	237 38	
		1,700 13
Tufts Park (4.5 acres), maintenance:—		
Labor, care of walks, grass, etc.	$747 60	
Labor, police service, including uniforms	182 45	
Tools and supplies	37 68	
Repairing tools and property	16 39	
Plants, flowers, etc.	149 13	
		1,133 25
Prospect Hill Park (2.6 acres):—		
Maintenance—Labor		3 00
Paul Revere Park:—		
Labor, laying out and grading		64 29
Playgrounds, Glen street, corner Oliver street (0.9 acre):—		
Maintenance—Labor, care of grounds		35 50
Playgrounds, Webster avenue (0.2 acre):—		
Maintenance—Labor		12 13
Playgrounds, Somerville avenue, corner Kent street (0.8 acre):—		
Maintenance—Labor, care of grounds	$130 25	
Re-surfacing grounds with red gravel	125 25	
Repairing and painting fence and supplies	78 87	
		334 37
Playgrounds, Belmont street, near Summer street (0.4 acre):—		
Maintenance—Labor, care of grounds	$79 46	
Fountain and re-grading walks	141 51	
Plants, flowers, etc.	50 00	
		270 97
Playgrounds, College avenue, opposite Morrison street (0.4 acre):—		
Maintenance—New fence		50 74
Playgrounds, Broadway, corner Cedar street (4.2 acres):—		
Improvement—Sub-grading athletic field	$103 65	
Sidewalk assessment	258 70	
		362 35
Amount carried forward		$8,002 14

Amount brought forward		$8,002 14
Playgrounds, Broadway, Tufts College land, Athletic field (4.4 acres):—		
Maintenance—Labor		2 76
Somerville Avenue Cemetery (0.7 acre):—		
Maintenance—Labor, care of grounds		88 67
Artificial pond on Tufts College land:—		
Flooding for skating		126 00
Powder House Boulevard (1 1-3 miles long):—		
Maintenance—Labor, re-grading slopes, gutters, etc.	$934 50	
Labor, cutting grass	133 00	
Street watering	160 00	
		1,227 50
Incidentals		48 75
Total expenditure (58 acres, 1 1-3 miles boulevard)		$9,495 82
CREDIT.		
Appropriation		9,500 00
Balance unexpended		$4 18
Value of tools and property used in maintenance of grounds	$1,400 00	

Appropriations and Expenditures, Improvement, 1901.

Powder House Boulevard:—		
Appropriation	$12,000 00	
Balance from 1900 work, $155.57, and Sewers Construction account, $1,990	2,145 57	
		$14,145 57
McCarthy & Gill, labor and material furnished		14,142 47
Balance		$3 10
Paul Revere Park:—		
Appropriation unexpended from 1900		$1,500 00
Purchase of land		1,259 70
Balance		$240 30
Athletic field, Tufts College land:—		
Appropriation unexpended from 1900		$3,000 00
McCarthy & Gill, partial grading		753 95
Balance		$2,246 05
Athletic apparatus:—		
Appropriation unexpended from 1900		$1,000 00
Expended for Lincoln Park	$874 13	
Expended for Playgrounds corner Somerville avenue and Kent street	114 42	
		988 55
Balance		$11 45

Prospect Hill Park:—		
Appropriation for land unexpended from 1900	$15,000 00	
Appropriation for improvement . .	7,500 00	
		$22,500 00
Land purchased in 1901		11,320 00
Balance		$11,180 00
Unexpended balances carried over for 1902 . . .		$13,680 90

APPENDED TABLES.

Following the report is a table giving names of all streets in the city, public and private, lengths, widths, and the total mileage; also a table giving the locations and names of public squares in the city.

ERNEST W. BAILEY,

City Engineer.

VIEWS OF POWDER HOUSE BOULEVARD.

TABLE SHOWING THE LOCATION, LENGTH, AND WIDTH OF PUBLIC AND PRIVATE STREETS.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Abdell pl.	Somerville ave.	Southwesterly	Private.	25	....	203
Adams	Broadway	Medford st.	Public.	40	900	....
Adrian	Marion st.	Joseph st.	Public.	40	579	....
Albion pl.	Albion st.	Northeasterly	Private.	10	....	166
Albion ct.	Albion st.	Southwesterly	Private.	16	....	116
Albion	Central st.	Cedar st.	Public.	40	2,742	....
Albion	Broadway	Medford line	Private.	50	...	100
Albion ter.	Albion st.	Southwesterly	Private.	25	....	100
Aldersey	Walnut st.	Vinal ave.	Public.	40	508	....
Aldrich	Pearl st.	B. & L. R. R.	Public.	40	611	....
Alfred	Broadway	Medford line	Private.	50	....	50
Allen	Somerville ave.	Charlestown st.	Private.	25	....	680
Allen ct.	Park st.	Northwesterly	Private.	20	....	150
Alpine	Cedar st.	Southeasterly	Private.	30	....	670
Alpine	Alpine st.	Lowell st.	Public.	40	688	....
Alston	Cross st.	Shawmut pl.	Public.	40	567	....
Ames	Bartlett st.	Robinson st.	Public.	40	580	....
Appian way	Talbot ave.	Professors' row.	Private.	60	....	250
Appleton	Willow ave.	Clifton st.	Public.	40	510	....
Appleton	Clifton st.	Liberty ave.	Private.	40	....	120
Arlington	Franklin st.	Lincoln st.	Public.	40	440	....
Arnold ave.	Porter st.	Southeasterly	Private.	15	....	127
Arnold ct.	Beacon st.	Northeasterly	Private.	10	....	115
Arthur ct.	Linden st.	Easterly	Private.	about 10	....	100
Arthur	Broadway	Bonair st.	Public.	40	438	....
Ash ave.	Meacham st.	Northeasterly	Private.	40	....	705
Ashland	Summer st.	Sartwell ave.	Public.	30	478	....
Atherton	Central st.	Beech st.	Public.	40	264	....
Auburn ave.	Cross st.	B. & L. R. R.	Private.	30	....	600
Austin	Broadway	Mystic ave.	Public.	40	680	....
Autumn	Broadway	Bonair st.	Private.	20	....	420
Avon	School st.	Central st.	Public.	40	1,360	....
Avon pl.	Cross st.	B. & L. R. R.	Private.	25	....	150
Ayer ave.	Morrison ave.	Boston ave.	Private.	70	....	1,500
Banks	Elm st.	Summer st.	Public.	40	639	....
Bartlett	Vernon st.	Broadway	Public.	40	1,550	....
Bartlett	Washington st.	Asylum grounds	Private.	20	...	200
Barton	Broadway	Russell road.	Private.	40	....	382
Bay State ave.	Broadway	Fosket st.	Private.	40	....	1,197
Beach ave.	Webster ave.	Columbia st.	Private.	about 20	....	200
Beacon pl.	Beacon st.	Northeasterly	Private.	15	....	200
Beacon	Cambridge line	Somerville ave.	Public.	66	6,100	....
Beacon ter.	Somerville ave.	Northeasterly	Private.	24	....	110
Bean's ct.	Cutter st.	Southeasterly	Private.	16	....	100
Bedford	South st.	Cambridge line	Private.	30	....	160
Beech	Somerville ave.	Spring st.	Public.	40	800	....
Bellevue ter.	Albion st.	Northeasterly	Private.	20	....	90
Belknap	Broadway	Russell road.	Private.	40	....	449
Belmont	Somerville ave.	Highland ave.	Public.	40	2,175	....
Belmont pl.	Belmont st.	Southeasterly	Private.	25	....	175
Benedict ave.	Broadway	Benedict st.	Private.	20	....	200
Benedict	Union st.	Austin st.	Public.	40	600	....
Bennett ct.	Bennett st.	Prospect st.	Private.	10	....	100
Bennett	Prospect st.	Bennett ct.	Private.	40 to 25	....	400
Benton road	Summer st.	Hudson st.	Public.	40	1,208	....
Berkeley	School st.	Central st.	Public.	40	1,360	....
Berwick	Lawrence st.	Northwesterly	Private.	20	....	170
Bigelow	Boston st.	Munroe st.	Public.	50	208	....
Billingham	Broadway	William st.	Public.	40	563	....
Bishop's pl.	Glen st.	Easterly	Private.	10	....	75
Blakeley ave.	Winthrop ave.	Cross st.	Private.	40	....	630
Bleachery ct.	Somerville ave.	Fitchburg R. R.	Private.	30	....	450
Bolton	Oak st.	Houghton st.	Public.	40	476	....
Bonair	Cross st.	Walnut st.	Public.	40	1,470	....
Bond	Broadway	Jaques st.	Public.	40	640	....
Bonner ave.	Washington st.	Columbus ave.	Public.	40	450	....

Table Showing the Location, Length, and Width of Public and Private Streets.—Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Boston ave.	Medford line	Mystic river	Public.	60	910	....
Boston ave	Broadway	Medford line	Public.	50	80	....
Boston ave.	Broadway	Ayer ave.	Private.	65	....	290
Boston ave.	Ayer ave.	Easterly angle	Private.	50	....	655
Boston ave.	Angle southerly	Morrison ave.	Private.	40	....	1,025
Boston	Washington st.	Prospect Hill ave.	Public.	45	630	....
Boston	Prospect Hill av.	Walnut st.	Public.	40	1,2[illegible]	....
Bow	Union sq.	Wesley sq.	Public.	60	600	....
Bow	Wesley sq.	Somerville ave.	Public.	50	500	...
Bowdoin	Washington st.	Fremont ave.	Public.	40	247	....
Bowdoin	Fremont ave.	Lincoln park	Private.	40	....	94
Bowers ave.	Cottage ave.	Elm st.	Private.	24	....	288
Bow St. pl.	Bow st.	Northwesterly	Private.	40	....	300
Bradford ave.	School st.	Southeasterly	Private.	40	....	150
Bradley	Pearl st.	Walter st.	Public	40	762	....
Brastow ave.	Lowell st	Porter st.	Public.	40	686	....
Bristol road	Broadway	Medford line	Private.	40	....	98
Broadway	Charlestown line	Cross st.	Public.	100	2,590	....
Broadway	Cross st.	Marshall st.	Public.	100 to 200	2,060	....
Broadway	Marshall st	Main st.	Public.	100	1,570	....
Broadway	Main st.	Top of hill	Public.	100 to 90	1,030	....
Broadway	Top of hill	Albion st.	Public.	90	2,540	....
Broadway	Albion st.	Willow ave.	Public.	90 to 70	1,030	....
Broadway	Willow ave.	Paulina st	Public.	70	3,250	....
Broadway	Paulina st.	Arlington line	Public.	65-60-65	3,220	....
Broadway pl.	Broadway	Southwesterly	Private.	22	....	250
Bromfield road	Warner st.	Professors' row	Private.	40	....	1,260
Brook	Glen st.	Cross st.	Public.	40	500	....
Browning road	Sycamore st.	Central st.	Public.	40	679	....
Buckingham	Beacon st.	Dimick st.	Public.	40	300	....
Burnside ave.	Elm st.	Summer st.	Public.	40	720	....
Caldwell pl.	Washington st.	Southerly	Private.	20	....	210
Calvin	Beacon st.	Dimick st.	Private.	40	....	250
Calvin	Dimick st.	Washington st.	Private.	30	....	395
Cambria	Central st.	Benton road	Public.	40	488	....
Cameron ave.	Holland st.	Cambridge line	Public.	60	1,000	....
Campbell pk.	Meacham rd.	Kingston st.	Public.	40	399	....
Campbell Pk. pl.	Kingston st.	Arlington Br. R.R.	Private.	20	....	84
Carlton	Somerville ave.	Lake st.	Public.	40	300	....
Carver	Porter st.	Northwesterly	Private.	40	....	156
Cedar ave.	Cedar st.	Linden ave.	Private.	22	....	290
Cedar ct.	Cedar st.	Southeasterly	Private.	15+	....	70+
Cedar St. pl.	Murdock st.	Southwesterly	Private.	20	....	220
Cedar St. pl.	Cedar n'r Elm st.	Southeasterly	Private.	12+	....	80+
Cedar	Elm st.	Broadway	Public.	40	4,150	....
Central	Somerville ave.	Summer st.	Public.	33	1,150	....
Central	Summer st.	Medford st.	Public.	40	2,480	....
Central	Medford st.	Broadway	Public.	45	1,070	....
Centre	Albion st.	B. & L. R. R.	Private.	35	....	200
Chandler	Park ave.	Broadway	Public.	40	1,232	....
Chapel	College ave.	Chandler st.	Public.	40	273	....
Chapel ct.	Sycamore st.	Northwesterly	Private.	12	....	130
Charles	Washington st.	Asylum grounds	Private.	30	....	200
Charlestown	Allen st.	Easterly	Private.	15	....	400
Charnwood road	Willow ave.	Hancock st.	Public.	40	589	....
Chauncey ave. (Fellsway)	Broadway	Mystic ave.	Public.	50	1,320	...
*Chelsea	Mystic ave.	Melrose st.	Private.	50	....	1,390
Cherry	Elm st.	Highland ave.	Public.	45	1,450	....
Chester	Elm st.	Cambridge line	Public.	40	850	....
Chester ave.	Medford st.	Angle	Public.	about 22	220	....
Chester ave.	Angle	Cross st.	Private.	20	....	445
Chester pl.	Chester st.	Northwesterly	Private.	40	....	200
Chestnut	Poplar st.	Southeasterly	Private.	40	....	540
Church	Summer st.	Somerville ave.	Public.	40	560	....

* Proposed.

Table Showing the Location, Length, and Width of Public and Private Streets.—Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Church (south)	Somerville ave.	Lake st.	Public.	40	340	....
Church St. pl.	Church st. (south)	Northwesterly	Private.	25	....	170
Claremon	Holland st.	Mead st	Public.	40	560	....
Clarendon ave	Broadway	Cambridge line	Private.	40	....	1,210
Clark	Newton st.	Lincoln parkway	Private.	35	....	545
Cleveland	Central st.	Elm pl.	Private.	40	....	270
Clifton	Appleton st.	Morrison ave.	Public.	40	240	....
Clifton	Morrison ave.	Arlington Br. R.R.	Private.	40	....	220
Clyde	Cedar st.	Murdock st.	Private.	30	....	600
College ave.	Davis sq.	Medford line	Public.	40	4,080	....
Columbia	Webster ave.	Cambridge line	Public	40	816	....
Columbia ct.	Columbia st.	Webster ave.	Private.	9	....	150
Columbus ave.	Windham road	Walnut st.	Public.	40	1,073	....
Concord ave	Prospect st.	Leon st.	Public.	40	1,500	....
Concord ave.	Leon st.	Beacon st.	Private.	30	....	470
Congress pl.	Linwood st.	Southwesterly	Private.	16	....	200
Conlon ct.	Columbia st.	Easterly	Private.	20	....	200
Conwell ave.	Curtis st.	North st.	Private.	40	....	1,349
Conwell	Highland ave.	Southwesterly	Public.	35	360	....
Cooney	Beacon st.	Line st.	Private.	26	....	220
*Cottage ave.	Russell st.	Chester st.	Public.	40	500	....
Cottage circle	Cottage ave	Southwesterly	Private.	25	....	87
Cottage pl.	Washington st.	Northwesterly	Private.	about 11	....	150
Craigie	Somerville ave.	Summer st.	Public.	50	1,250	....
Crescent	Washington st.	Pearl st.	Private.	30 to 38	....	650
Crocker	Highland ave.	Crown st.	Public.	40	524	....
Cross	Medford st.	Broadway	Public.	45	2,650	....
Cross	Broadway	Mystic ave.	Public.	40	1,100	....
Cross St. pl.	Cross st.	Northwesterly	Private.	24	....	150
Crown	Porter st.	Lowell st.	Private.	30	....	700
Curtis ave.	Curtis st.	Northwesterly	Private.	40	....	700
Curtis	Broadway	Medford line	Public.	40	2,300	....
Cutler	Lawrence st.	Northwesterly	Private.	20	....	170
Cutter	Broadway	Webster st.	Public.	40	740	....
Cutter ave.	Summer st.	Highland ave.	Public.	40	430	....
Cutter pk.	Cutter ave.	Northwesterly	Private.	12	....	83
Cypress	Central st.	Beech st.	Public.	40	262	....
Dana	Bonair st.	Pearl st.	Public.	40	690	....
Dane	Somerville ave.	Washington st.	Public.	40	1,270	....
Dane ave.	Dane st.	Leland st.	Private.	30	....	600
Dartmouth	Medford st.	Broadway	Public.	40	1,450	....
Day	Elm st.	Cambridge line	Public.	40	940	....
Delaware	Aldrich st.	Pearl st.	Public.	40	451	....
Dell	Glen st.	Tufts st.	Public.	40	466	....
Derby	Temple st.	Grant st.	Public.	40	831	....
Derby	Grant st	Wheatland st.	Private.	40	....	200
Dexter	Broadway	Medford line	Private.	50	....	25
Dickinson	Springfield st.	Beacon st.	Public.	40	770	....
Dickson	Broadway	Fairmount ave.	Private.	40	....	271
Dimick	Concord ave.	Calvin st.	Private.	40	....	860
Distillhouse	South st.	Cambridge line	Private.	35	....	150
Dix pl.	Linwood st.	Southwesterly	Private.	10	....	100
Dover	Elm st.	Cambridge line	Public.	40	940	....
Downer pl.	Downer st.	B. & L. R. R.	Private.	20	....	125
Downer	Nashua st.	Southeasterly	Private.	20	....	120
Dresden circle	Cutter ave.	Westerly	Private.	30	....	133
Durham	Beacon st.	Hanson st.	Private.	40	....	450
Earle	South st.	Fitchburg R. R.	Private.	30	....	322
East Albion	Mt. Vernon ave.	E. of Moreland st.	Private.	25	....	188
East Albion	E. of Moreland st	Medford line	Private.	40	....	490
Eastman pl.	Highland ave.	Southwesterly	Private.	40	....	300
*Edgeworth	Mystic ave.	Melrose st.	Private.	50	....	1,380
Edmands	Broadway	to near Bonair st.	Public.	40	376	....
Edmonton ave.	Cross st.	Winthrop ave.	Private.	40	....	630
Electric ave.	Curtis st.	Packard ave.	Public.	40	681	....

* Proposed

Table Showing the Location, Length, and Width of Public and Private Streets.—Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Eliot	Vine st.	Park st.	Public.	40	260	....
Ellington road	Highland ave.	Northeasterly	Private.	35	....	120
Ellington road	West st.	Northwesterly	Private.	30	....	405
Ellsworth	Cross st.	Rush st.	Public.	40	210	....
Elm ct.	Villa ave.	Northwesterly	Private.	18	....	70
Elm pl.	Harvard st.	Easterly & west'ly	Private.	30	....	400
Elm	Somerville ave.	Cherry st.	Public.	63	1,590	....
Elm	Cherry st.	White st.	Public.	63 to 60	330	....
Elm	White st.	Banks st.	Public.	60	660	....
Elm	Banks st.	Beech st.	Public.	60 to 77.5	290	....
Elm	Beech st.	Tenney st.	Public.	77.5 to 60	570	....
Elm	Tenney st.	Davis sq.	Public.	60	1,420	....
Elmwood	Holland st.	Cambridge line	Public.	40	1,057	....
Elmwood ter.	Elmwood st.	Easterly	Private.	20	....	190
Elston	Elm st.	Summer st.	Public.	40	396	....
Emerson	Everett st.	Newton st.	Private.	30	....	170
Emery	Fitchburg R. R.	South st.	Private.	30	....	335
Endicott ave.	Broadway	Woodstock st. (Ext'n)	Private.	40	....	800
Essex	Medford st.	Richdale ave.	Public.	40	232	....
Eustis	Beacon st.	Southwest	Private.	30	....	150
Everett ave.	Cross st.	Dana st.	Public.	40	800	....
Everett	Webster ave.	Newton st.	Private.	30	....	350
Evergreen ave.	Marshall st.	Sycamore st.	Public.	40	1,320	....
Evergreen sq.	Porter st.	Southeasterly	Private.	8	....	200
Fairlee	Cherry st.	Northwesterly	Private.	30	....	150
Fairmount ave.	Curtis st.	Northwesterly	Private.	40	....	700
Fairview ter.	Sycamore st.	Southwesterly	Private.	15	....	173
Farragut ave.	Broadway	Woodstock st. (Ext'n)	Private.	40	....	840
Fenwick	Broadway	Heath st.	Public.	40	340	....
Fenwick	Heath st.	Jaques st.	Private.	40	....	261
Fisk ave.	Hinckley st.	Lowell st.	Private.	20 & 25	....	460
Fitchburg ct.	Fitchburg st.	Southeasterly	Private.	10	....	225
Fitchburg	Linwood st.	B. & L. R. R.	Private.	40	....	400
Flint ave.	Flint st.	Northerly	Private.	40	....	200
Flint	Franklin st.	Aldrich st.	Public.	40	1,773	....
Florence	Washington st.	Perkins st.	Public.	40	1,280	....
Florence ter.	Jaques st.	Southwesterly	Private.	20	....	90
Forest	Beacon st.	Cambridge line	Public.	40	150	....
Forster	Sycamore st.	Central st.	Private.	30	....	430
Fosket	Willow ave.	Liberty ave.	Public.	40	668	....
Fountain ave.	Cross st.	Glen st.	Private.	30	....	550
Francesca ave.	College ave	Liberty ave.	Public.	40	762	....
Francis	Porter st.	Conwell st.	Private.	30	....	180
Franklin ave.	Washington st.	Franklin st.	Private.	20	....	500
Franklin ct.	Somerville ave.	B. & L. R. R.	Private.	....	....	200
Franklin pl.	Franklin st.	Southeasterly	Private.	15	....	100
Franklin	Broadway	Washington st.	Public.	40+	2,230	....
Frederick ave.	Willow ave.	Boston ave.	Private.	40	....	1,360
Fremont ave.	Bowdoin st.	Lincoln pk.	Private.	30	....	235
Fremont	Main st.	Meacham st.	Public.	40	612	....
Fremont	Meacham st.	Near Mystic ave.	Private.	40	....	785
Frost ave.	Somerville ave.	Dane st.	Private.	35	....	550
Garden ct.	Somerville ave.	Fitchburg R. R.	Private.	25	....	370
Garfield ave.	Broadway	Middlesex ave.	Private.	40	....	1,430
Garrison ave.	Broadway	Woodstock st. (Ext'n)	Private.	40	....	850
George	Broadway	Lincoln ave.	Public.	30	275	....
Gibbens	Central st.	Benton road	Public.	40	492	....
Gibbens	Benton rd.	Northwesterly	Private.	40	....	133
Giles pl.	Walnut st.	Northwesterly	Private.	32.71	....	168
Gill's ct.	Franklin st.	Westerly	Private.	10	....	100
Gilman	Cross st.	Walnut st.	Public.	40	1,430	....
Gilman ter.	Pearl st.	Northeasterly	Public.	40	360	....
Gilson ter.	Linden ave.	Northwesterly	Private.	20	....	124
Glen	Broadway	Tufts st.	Public.	40	2,300	....

Table Showing the Location, Length, and Width of Public and Private Streets.—Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Glendale ave.	Cameron ave.	Yorktown st.	Private.	40	....	410
Glover circle	Meacham road	Southeasterly	Private.	20	....	110
Gorham	Holland st.	Howard st	Public.	40	763	....
Gould ave.	Porter st.	Southeasterly	Private.	16	....	156
Gove ct.	Cedar st.	Southeasterly	Private.	15	....	145
Grand View ave.	Walnut st.	Vinal ave.	Public.	40	470	....
Granite	Somerville ave.	Osgood st.	Private.	40	....	400
Grant	Broadway	Jaques st.	Public.	40	536	....
Grant	Jaques st.	Mystic ave.	Private.	40	....	814
Greene	Summer st.	Laurel st.	Public.	40	555	....
Greenville	Medford st.	Munroe st.	Public.	40	660	....
Greenwood ter.	Beacon st.	Northeasterly	Private	25	....	165
Grove	Elm st.	Morrison ave.	Public.	40	985	....
Hadley ct.	Franklin st.	Westerly	Private.	20	....	150
Hall ave.	College ave.	Liberty ave.	Public.	40	926	....
Hall	Cedar st.	Cherry st.	Public.	30	456	....
Hamlet	Highland ave.	Southwesterly	Private.	30	....	400
Hammond	Dickinson st.	Concord ave.	Public.	40	267	....
Hancock	Elm st.	Highland ave.	Public.	40	1,302	....
Hancock	Highland ave.	Lexington ave.	Public.	50	376	....
Hanson ave.	Hanson st.	Easterly	Private.	30	....	252
Hanson	Washington st.	Vine st.	Private.	35	....	750
Harding	South st.	Cambridge line	Private.	30	....	115
Harris	Beacon st.	Cambridge line	Private.	35	....	150
Harrison	Ivaloo st.	Kent st.	Public.	40	644	....
Harrison	Elmwood st.	Southeasterly	Private.	40	....	210
Harvard pl.	Harvard st.	Westerly	Private.	35	....	200
Harvard	Summer st.	Beech st.	Public.	40	650	....
Hathorn	Broadway	Arlington st.	Public.	40	330	....
Hawkins	Somerville ave.	Washington st.	Public.	40	330	....
Hawthorne	Willow ave.	Cutter ave.	Private.	30	....	810
Hayden ter.	Linden ave.	Easterly	Private.	20	....	120
Heath	Temple st.	Bond st.	Public.	45	1,043	....
Heath	Bond st.	Moreland st.	Private.	40	....	750
Henderson	Richardson st.	B. & L. R. R.	Private.	20	....	535
Hennessy ct.	Medford st.	Fisk ave.	Private.	20	....	250
Henry ave.	Highland ave.	Lexington ave.	Private.	40	....	290
Herbert	Chester st.	Day st.	Public.	40	360	....
Hersey	Berkeley st.	Oxford st.	Private.	40	....	230
Highland ave.	Medford st.	Davis sq.	Public.	60	9.100	....
Hill	Broadway	Fairmount ave.	Private.	40	....	286
Hillside ave.	Pearl st.	Southwesterly	Private.	30	....	150
Hillside pk.	Walnut st.	Northwesterly	Private.	40	....	245
Hinckley	Broadway	Lawrence st.	Private.	30	....	430
Hodgdon pl.	Dane ave.	Northeasterly	Private.	about 20	....	150
Holland	Davis sq.	Broadway	Public.	60	2,650	....
Holt's ave.	Oak st.	Southeasterly	Private.	10	....	100
Holyoke road	Elm st.	Elm st.	Private.	40	....	640
Homer sq.	Bonner ave.	Northwesterly	Private.	30+	....	200
Horace	South st.	Fitchburg R. R.	Private.	30	....	510
Houghton	Springfield st.	Cambridge line.	Public.	40	653	....
Howard	Thorndike st.	Gorham street	Private.	40	....	430
Howard	Whipple st.	Willow ave.	Private.	30	....	255
Howe	Marshall st.	School st.	Public.	40	445	....
Hudson	Central st.	Cedar st.	Public.	40	2,760	....
Hunting	South st.	Cambridge line	Private.	30	....	125
Ibbetson	Somerville ave.	Lowell st.	Public.	40	802	....
Irving	Holland st.	Broadway	Public	40	1,180	....
Ivaloo	Beacon st.	Park st.	Public.	40	650	....
Jackson	Medford st.	Maple st.	Private.	30	....	150
James	Pearl st.	Veazie st	Public.	40	320	....
Jaques	Chauncey ave.	Temple st.	Public.	40	1,200	....
Jaques	Temple st.	Bond st	Public.	45	1,050	....
Jasper pl.	Jasper st.	Walnut st.	Private.	20	....	225

Table Showing the Location, Length, and Width of Public and Private Streets.—Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Eliot	Vine st.	Park st.	Public.	40	260	....
Ellington road	Highland ave.	Northeasterly	Private.	35	....	120
Ellington road	West st.	Northwesterly	Private.	30	....	405
Ellsworth	Cross st.	Rush st.	Public.	40	210	....
Elm ct.	Villa ave.	Northwesterly	Private.	18	....	70
Elm pl.	Harvard st.	Easterly & west'ly	Private.	30	....	400
Elm	Somerville ave.	Cherry st.	Public.	63	1,590	....
Elm	Cherry st.	White st.	Public.	63 to 60	330	....
Elm	White st.	Banks st.	Public.	60	660	....
Elm	Banks st.	Beech st.	Public.	60 to 77.5	290	....
Elm	Beech st.	Tenney st.	Public.	77.5 to 60	570	....
Elm	Tenney st.	Davis sq.	Public.	60	1,420	....
Elmwood	Holland st.	Cambridge line	Public.	40	1,057	....
Elmwood ter.	Elmwood st.	Easterly	Private.	20	....	190
Elston	Elm st.	Summer st.	Public.	40	396	....
Emerson	Everett st.	Newton st.	Private.	30	....	170
Emery	Fitchburg R. R.	South st.	Private.	30	....	335
Endicott ave.	Broadway	Woodstock st. (Ext'n)	Private.	40	....	800
Essex	Medford st.	Richdale ave.	Public.	40	232	....
Eustis	Beacon st.	Southwest	Private.	30	....	150
Everett ave.	Cross st.	Dana st.	Public.	40	800	....
Everett	Webster ave.	Newton st.	Private.	30	....	350
Evergreen ave.	Marshall st.	Sycamore st.	Public.	40	1,320	....
Evergreen sq.	Porter st.	Southeasterly	Private.	8	....	200
Fairlee	Cherry st.	Northwesterly	Private.	30	....	150
Fairmount ave.	Curtis st.	Northwesterly	Private.	40	....	700
Fairview ter.	Sycamore st.	Southwesterly	Private.	15	....	173
Farragut ave.	Broadway	Woodstock st. (Ext'n)	Private.	40	....	840
Fenwick	Broadway	Heath st.	Public.	40	340	....
Fenwick	Heath st.	Jaques st.	Private.	40	....	261
Fisk ave.	Hinckley st.	Lowell st.	Private.	20 & 25	....	460
Fitchburg ct.	Fitchburg st.	Southeasterly	Private.	10	....	225
Fitchburg	Linwood st.	B. & L. R. R.	Private.	40	....	400
Flint ave.	Flint st.	Northerly	Private.	40	....	200
Flint	Franklin st.	Aldrich st.	Public.	40	1,773	....
Florence	Washington st.	Perkins st.	Public.	40	1,280	....
Florence ter.	Jaques st.	Southwesterly	Private.	20	....	90
Forest	Beacon st.	Cambridge line	Public.	40	150	....
Forster	Sycamore st.	Central st.	Private.	30	....	430
Fosket	Willow ave.	Liberty ave.	Public.	40	668	....
Fountain ave.	Cross st.	Glen st.	Private.	30	....	550
Francesca ave.	College ave	Liberty ave.	Public.	40	762	....
Francis	Porter st.	Conwell st.	Private.	30	....	180
Franklin ave.	Washington st.	Franklin st.	Private.	20	....	500
Franklin ct.	Somerville ave.	B. & L. R. R.	Private.	....	....	200
Franklin pl.	Franklin st.	Southeasterly	Private.	15	....	100
Franklin	Broadway	Washington st.	Public.	40+	2,230	....
Frederick ave.	Willow ave.	Boston ave.	Private.	40	....	1,360
Fremont ave.	Bowdoin st.	Lincoln pk.	Private.	30	....	235
Fremont	Main st.	Meacham st.	Public.	40	612	....
Fremont	Meacham st.	Near Mystic ave.	Private.	40	....	785
Frost ave.	Somerville ave.	Dane st.	Private.	35	....	550
Garden ct.	Somerville ave.	Fitchburg R. R.	Private.	25	....	370
Garfield ave.	Broadway	Middlesex ave.	Private.	40	....	1,430
Garrison ave.	Broadway	Woodstock st. (Ext'n)	Private.	40	....	850
George	Broadway	Lincoln ave.	Public.	30	275	....
Gibbens	Central st.	Benton road	Public.	40	492	....
Gibbens	Benton rd.	Northwesterly	Private.	40	....	133
Giles pl.	Walnut st.	Northwesterly	Private.	32.71	....	168
Gill's ct.	Franklin st.	Westerly	Private.	10	....	100
Gilman	Cross st.	Walnut st.	Public.	40	1,430	....
Gilman ter.	Pearl st.	Northeasterly	Public.	40	360	....
Gilson ter.	Linden ave.	Northwesterly	Private.	20	....	124
Glen	Broadway	Tufts st.	Public.	40	2,300	....

Table Showing the Location, Length, and Width of Public and Private Streets.—Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Glendale ave.	Cameron ave.	Yorktown st.	Private.	40	....	410
Glover circle	Meacham road	Southeasterly	Private.	20	....	110
Gorham	Holland st.	Howard st	Public.	40	763	....
Gould ave.	Porter st.	Southeasterly	Private.	16	....	156
Gove ct.	Cedar st.	Southeasterly	Private.	15	....	145
Grand View ave.	Walnut st.	Vinal ave.	Public.	40	470	....
Granite	Somerville ave.	Osgood st.	Private.	40	....	400
Grant	Broadway	Jaques st.	Public.	40	536	....
Grant	Jaques st.	Mystic ave.	Private.	40	....	814
Greene	Summer st.	Laurel st.	Public.	40	555	....
Greenville	Medford st.	Munroe st.	Public.	40	660	....
Greenwood ter.	Beacon st.	Northeasterly	Private	25	....	165
Grove	Elm st.	Morrison ave.	Public.	40	985	....
Hadley ct.	Franklin st.	Westerly	Private.	20	....	150
Hall ave.	College ave.	Liberty ave.	Public.	40	926	....
Hall	Cedar st.	Cherry st.	Public.	30	456	....
Hamlet	Highland ave.	Southwesterly	Private.	30	....	400
Hammond	Dickinson st.	Concord ave.	Public.	40	267	....
Hancock	Elm st.	Highland ave.	Public.	40	1,302	....
Hancock	Highland ave.	Lexington ave.	Public.	50	376	....
Hanson ave.	Hanson st.	Easterly	Private.	30	....	252
Hanson	Washington st.	Vine st.	Private.	35	....	750
Harding	South st.	Cambridge line	Private.	30	....	115
Harris	Beacon st.	Cambridge line	Private.	35	....	150
Harrison	Ivaloo st.	Kent st.	Public.	40	644	....
Harrison	Elmwood st.	Southeasterly	Private.	40	....	210
Harvard pl.	Harvard st.	Westerly	Private.	35	....	200
Harvard	Summer st.	Beech st.	Public.	40	656	....
Hathorn	Broadway	Arlington st.	Public.	40	330	....
Hawkins	Somerville ave.	Washington st.	Public.	40	330	....
Hawthorne	Willow ave.	Cutter ave.	Private.	30	....	810
Hayden ter.	Linden ave.	Easterly	Private.	20	....	120
Heath	Temple st.	Bond st.	Public.	45	1,043	....
Heath	Bond st.	Moreland st.	Private.	40	....	750
Henderson	Richardson st.	B. & L. R. R.	Private.	20	....	635
Hennessy ct.	Medford st.	Fisk ave.	Private.	20	....	250
Henry ave.	Highland ave.	Lexington ave.	Private.	40	....	290
Herbert	Chester st.	Day st.	Public.	40	360	....
Hersey	Berkeley st.	Oxford st.	Private.	40	....	230
Highland ave.	Medford st.	Davis sq.	Public.	60	9,100	....
Hill	Broadway	Fairmount ave.	Private.	40	....	256
Hillside ave.	Pearl st.	Southwesterly	Private.	30	....	150
Hillside pk.	Walnut st.	Northwesterly	Private.	40	....	245
Hinckley	Broadway	Lawrence st.	Private.	30	....	430
Hodgdon pl.	Dane ave.	Northeasterly	Private.	about 20	....	150
Holland	Davis sq.	Broadway	Public.	60	2,650	....
Holt's ave.	Oak st.	Southeasterly	Private.	10	....	100
Holyoke road	Elm st.	Elm st.	Private.	40	....	640
Homer sq.	Bonner ave.	Northwesterly	Private.	30+	....	200
Horace	South st.	Fitchburg R. R.	Private.	30	....	510
Houghton	Springfield st.	Cambridge line.	Public.	40	653	....
Howard	Thorndike st.	Gorham street	Private.	40	....	430
Howard	Whipple st.	Willow ave.	Private.	30	....	255
Howe	Marshall st.	School st.	Public.	40	445	....
Hudson	Central st.	Cedar st.	Public.	40	2,760	....
Hunting	South st.	Cambridge line	Private.	30	....	125
Ibbetson	Somerville ave.	Lowell st.	Public.	40	802	....
Irving	Holland st.	Broadway	Public	40	1,180	....
Ivaloo	Beacon st.	Park st.	Public.	40	650	....
Jackson	Medford st.	Maple st.	Private.	30	....	150
James	Pearl st.	Veazie st	Public.	40	320	....
Jaques	Chauncey ave.	Temple st.	Public.	40	1,200	....
Jaques	Temple st.	Bond st	Public.	45	1,050	....
Jasper pl.	Jasper st.	Walnut st.	Private.	20	....	225

Table Showing the Location, Length, and Width of Public and Private Streets.—Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Jasper	Pearl st.	Gilman st.	Private.	40	....	300
Jay	Holland st.	Howard st.	Public.	40	534	....
Jenny Lind ave.	Vernon st.	Broadway	Public.	40	1,507	....
Jerome ct.	Sycamore st.	Jerome st.	Private.	10	...	150
Jerome	Montrose st.	Jerome ct.	Private.	20	....	125
Joseph	Newton st.	Lincoln parkway	Public.	40	458	....
Josephine ave.	Morrison ave.	Broadway	Private.	45	....	1,715
Joy	Washington st.	Poplar st.	Public.	30	1,121	....
Joy St. pl.	Joy st.	Southwesterly	Private.	30	....	175
Kensington ave.	Broadway	Blakeley ave.	Private.	40	....	440
*Kensington ave	Blakeley ave.	Middlesex ave.	Private.	40	....	1,150
Kent ct.	Kent st.	Northerly	Private.	about 25	....	420
Kent	Somerville ave.	Fitchburg R. R.	Public.	40	292	....
Kent	Fitchburg R. R.	Beacon st.	Public.	25	386	....
Kenwood	College ave.	Billingham st.	Public.	40	322	....
Kidder ave.	College ave.	Liberty ave.	Public.	40	625	....
Kidder ave.	Liberty ave.	Willow ave.	Private.	40	....	655
Kilby	Somerville ave.	Southwesterly	Private.	20	....	180
Kimball	Lowell st.	Craigie st.	Private.	40	....	303
Kingman ct.	Washington st.	Fitchburg R. R.	Private.	25	....	400
Kingston	Meacham road	Cambridge line	Public.	40	647	....
Knapp	School st.	Granite st.	Public.	40	379	....
Knowlton	Oliver st.	Tufts st.	Private.	40	....	925
Lake	Hawkins st.	Church st.	Public.	40	860	....
Lamson ct.	Linwood st.	Poplar st.	Private.	20	....	370
Landers	School st.	Westerly	Private.	40	....	280
Laurel ave.	Laurel st.	Northwesterly	Private.	18	....	125
Laurel	Somerville ave.	Summer st.	Public.	40	940	....
Lawrence	Hinckley st.	B. & L. R. R.	Private.	35	....	650
Lawrence	Boston ave.	Southwesterly	Private.	35	....	710
Lawson ter.	Putnam st.	Easterly	Private.	5	....	200
Lee	Medford st.	Richdale ave.	Public.	40	385	....
Leland	Washington st.	Dane ave.	Private.	40	....	250
Leon	Concord ave.	Dickinson st.	Public.	40	155	....
Leonard pl.	Joy st.	Northeasterly	Private.	13+	....	98
Lesley ave.	Highland ave.	Lexington ave.	Public.	40	334	....
Leslie pl.	Highland ave.	Northerly	Private.	12	....	75
Lester ter.	Meacham road	Northwesterly	Private.	20	....	190
Lexington ave.	Willow ave.	Hancock st.	Private.	50	....	630
*Lexington ave.	Hancock st.	Cedar st.	Private.	50	....	730
Liberty ave.	Hall ave.	Broadway	Public.	40	1,395	....
Liberty ave.	Hall ave.	Appleton st.	Private.	40	....	100
Lincoln ave.	Lincoln st.	Mt. Vernon st.	Public.	40	478	....
Lincoln parkway	Washington st.	Perry st.	Public.	40	1,520	....
Lincoln pl.	Lincoln ave.	Northerly	Private.	9	....	120
Lincoln	Broadway.	Perkins st.	Public.	40	550	....
Linden ave.	Elm st.	Summer st.	Public.	45	1,050	....
Linden ave.	Summer st.	Northeasterly	Private.	45	....	250
Linden circle	Linden ave.	Southeasterly	Private.	24	....	120
Linden pl.	Linden ave.	Northwesterly	Private.	20	....	160
Linden	Somerville ave.	Fitchburg R. R.	Private.	30	....	705
Line	Washington st.	Cambridge line	Private.	33	....	1 750
Linehan ct.	Linwood st.	Chestnut st.	Private.	about 15	....	200
Linwood pl.	Linwood st.	Southwesterly	Private.	about 12	....	150
Linwood	Somerville ave.	Washington st.	Public.	50	2,050	....
London	Linwood st.	B. & L. R. R.	Private.	40	....	340
Loring	Somerville ave.	Northeasterly	Private.	40	....	400
Louisburg pl.	Autumn st.	Easterly	Private.	13	....	90
Lovell	Broadway	Electric ave.	Private.	40	....	385
Lowden ave.	Broadway	Fosket st.	Private.	40	....	1,205
Lowell	Somerville ave.	Summer st.	Public.	36	1,250	....
Lowell	Summer st.	Crown st.	Private.	33+	....	349
Lowell	Crown st.	Albion st.	Public.	40	972	....

* Proposed.

Table Showing the Location, Length, and Width of Public and Private Streets.—Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Lowell	Albion st.	L. & A. Br'ch R. R.	Private.	40	....	540
Lowell	B. & L. R. R.	Vernon st.	Private.	33+	....	60
Lowell	Vernon st.	Medford st.	Public.	40	1,141	....
Lowell ter.	Lowell st.	Northwesterly	Private.	20	....	150
Madison	School st.	Sycamore st.	Public.	40	891	....
Main	Broadway	Medford line	Public.	50	950	....
*Malden	Mystic ave.	Melrose st.	Private.	50	....	1,360
Mallet	Willow ave.	Liberty ave.	Private.	40	....	580
Malloy ct.	Somerville ave.	Merriam st.	Private.	30	....	255
Malvern ave.	Cameron ave.	Yorktown st.	Private.	40	....	410
Manila road	Beacon st.	Sacramento st.	Private.	40	....	408
Mansfield	Somerville ave.	Washington st.	Public.	40	735	....
Maple ave.	School st.	Southeasterly	Private.	40	....	300
Maple pl.	Marshall st.	Maple ave.	Private.	5	....	125
Maple	Poplar st.	Jackson st.	Private.	30	....	470
Marion	Concord ave.	Wyatt st.	Public.	40	529	....
Marion	Wyatt st.	Northwesterly	Private.	40	....	182
Marshall	Broadway	Pearl st.	Public.	40	1,650	....
May pl.	Hawkins st.	Easterly	Private.	12	....	160
McCulphe pl.	Medford st.	Easterly	Private.	10	....	110
McGregor ave.	Wigglesworth st.	Walnut st.	Private.	about 10	....	250
Meacham road	Dover st.	Cambridge line	Public.	40	1,060	....
Meacham	Mt. Vernon ave.	Medford line	Private.	40	....	800
Mead	Cameron ave.	Moore st.	Private.	40	....	340
Medford	Cambridge line	Central st.	Public.	50	8,150	....
Medford	Central st.	Broadway	Public.	55	1,950	....
Melburn pl.	Summer st.	Northeasterly	Private.	30	....	125
Melledew ct.	Belmont st.	Easterly	Private.	15	....	137
Melrose	Mystic ave.	Middlesex ave.	Private.	50	....	2,310
Melvin	Broadway	Bonair st.	Public.	40	487	....
Merriam ave.	Merriam st.	Malloy ct.	Private.	15	....	255
Merriam	Somerville ave.	Charlestown st.	Private.	30	....	500
Middlesex ave.	Mystic ave.	Medford line	Public.	60	3,400	....
Milk pl.	Somerville ave.	Southwesterly	Private.	about 30	....	100
Miller	Sacramento st.	Beacon st.	Private.	33	....	465
Milton	Orchard st.	Cambridge line	Private.	35	....	220
Miner	Vernon st.	Ames st.	Public.	40	244	....
Mondamin ct.	Ivaloo st.	Harrison st.	Private.	25	....	250
Monmouth	Central st.	Westerly	Public.	40	267	..
Monmouth	End of above	Harvard st.	Private.	35	....	200
Montgomery ave.	Broadway	Wellington ave.	Public.	40	265	....
Montrose ct.	Montrose st.	B. & L. R. R.	Private.	12	....	110
Montrose	School st.	Sycamore st.	Public.	40	886	....
Moore	Holland st.	Mead st.	Public.	40	695	....
Moreland	Main st.	Mystic ave.	Private.	40	....	1,513
Morgan	Beacon st.	Park st.	Public.	40	350	....
Morrison ave.	Cedar st.	Willow ave.	Public.	50	1,366	....
Morrison ave.	Willow ave.	College ave.	Public.	40	1,700	....
Morrison pl.	Morrison ave.	Northerly	Private.	20	....	190
Morrison pl.	Morrison pl.	Easterly	Private.	15	....	175
Mortimer pl.	Marshall st.	Walter st.	Private.	20	....	280
Morton	Glen st.	Knowlton st.	Public.	40	287	....
Mossland	Somerville ave.	Elm st.	Public.	40	350	....
Mountain ave.	Linden ave.	Porter st.	Private.	22	....	310
Mousal pl.	North Union st.	B. & M. R. R.	Private.	20	....	200
Mt. Pleasant ct.	Perkins st.	Southwesterly	Private.	40	....	260
Mt. Pleasant	Broadway	Perkins st.	Public.	33	570	....
Mt. Vernon ave.	Main st.	Meacham st.	Private.	50	....	800
Mt. Vernon	Washington st.	Pearl st.	Public.	40	600	....
Mt. Vernon	Pearl st.	Perkins st.	Public.	50	450	....
Mt. Vernon	Perkins st.	Broadway	Public.	40	600	....
Munroe	Walnut st.	Easterly	Public.	40	375	....
Munroe	End of above	Boston st.	Private.	50	....	1,100
Murdock	Cedar st.	Clyde st.	Private.	30	....	900
Murray	Washington st.	Southerly	Private.	30	....	250
Museum	Beacon st.	Cambridge line	Public.	40	164	....
Myrtle ct.	Myrtle st.	Easterly	Private.	10	....	100

* Proposed.

Table Showing the Location, Length, and Width of Public and Private Streets.—Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Myrtle pl.	Myrtle st.	Westerly	Private.	20+	....	120
Myrtle	Washington st.	Perkins st.	Public.	40	1,400	....
Mystic ave.	Charlestown line	Union st.	Public.	60	350	....
Mystic ave.	Union st.	Medford line	Public.	66	6,900	....
Mystic	Washington st.	Somerville ave.	Public.	40	360	....
Mystic	Benedict st.	Mystic ave.	Private.	40	....	330
Nashua	Richardson st.	B. & L. R. R.	Private.	35	....	640
Nevada ave.	Village st.	Hanson st.	Private.	20	....	200
Newberne	Appleton st.	Morrison ave.	Public.	40	200	....
Newberne	Morrison ave.	B. & L. R. R.	Private.	40	....	173
Newbury	Holland st.	Cambridge line	Public.	40	1,250	....
Newman pl.	Cedar st.	Southeasterly	Private.	10+	....	100
Newton pl.	Newton st.	Easterly	Private.	about 10	....	100
Newton	Prospect st.	Webster ave.	Public.	25	470	....
Newton	Webster ave.	Concord ave.	Public.	40+	650	....
Norfolk	Webster ave.	Cambridge line	Public.	40	200	....
North	Broadway	Medford line	Public.	40	2,550	....
North Union	Mystic ave.	Northeasterly	Private.	30	....	600
Norton	Nashua st.	Southeasterly	Private.	20	....	200
Norwood ave.	Broadway	Medford st.	Public.	40	350	....
Oak	Prospect st.	Angle	Public.	40	670	....
Oak	Angle	Cambridge line	Public.	30	563	....
Oak St. pl.	Oak st.	Northerly	Private.	4	....	85
Oakland ave.	Marshall st.	School st.	Public.	40	440	....
Olive ave.	Linden ave.	Southeasterly	Private.	25	....	155
Olive sq.	Lake st.	Southerly	Private.	about 15	....	100
Oliver	Franklin st.	Cross st.	Public.	40	1,050	....
Orchard	Cambridge line	Meacham road	Public.	40	1,625	....
Osgood	Granite st.	Easterly & west'ly	Private.	40	....	450
Otis	Cross st.	Wigglesworth st.	Public.	40	1,200	....
Oxford	School st.	Central st.	Public.	35	1,361	....
Oxford	Beacon st.	Cambridge line	Public.	50	100	....
Packard ave.	Broadway	Medford line	Private.	60	....	2,000
Palmer ave.	Franklin st.	Northwesterly	Private.	20	....	200
Park ave.	College ave.	Wallace st.	Public.	40	450	....
Park pl.	Laurel st.	Easterly	Private.	30	....	220
Park pl.	Park pl.	Northeasterly	Private.	20	....	150
Park	Somerville ave.	Beacon st.	Public.	50	1,300	....
Parker pl.	Porter st.	Northwesterly	Private.	20	....	150
Parker	Washington st.	Fremont ave.	Private.	35	....	200
Partridge ave.	Vernon st.	Broadway	Public.	40	1,457	....
Patten ct.	Cutter st.	Southeasterly	Private.	8	....	100
Paulina	Broadway	Holland st.	Private.	40	....	775
Pearl	Crescent st.	Mt. Vernon st.	Public.	40	300	....
Pearl	Mt. Vernon st.	Franklin st.	Public.	50	950	....
Pearl	Franklin st.	Cross st.	Public.	40	1,025	....
Pearl	Cross st.	Medford st.	Public.	50	2,475	....
Pearl St. pl.	Pearl st.	Northeasterly	Private.	20	....	200
Pearl ter.	Pearl st.	Northerly	Private.	23	....	161
Pearson ave.	Morrison ave.	Boston ave.	Private.	45	....	1,300
Pearson road	Broadway	Professors' row	Private.	40	....	1,654
Pembroke ct.	Pembroke st.	Southwesterly	Private.	25	....	130
Pembroke	Central st.	Sycamore st.	Private.	40	....	440
Perkins pl.	Perkins st.	Northeasterly	Private.	20	....	200
Perkins	Franklin st.	Charlestown line	Public.	40	1,350	....
Perry	Washington st.	Lincoln parkway	Public.	40	606	....
Peterson ter.	Porter st.	Northwesterly	Private.	13+	....	155
Pinckney pl.	Pinckney st.	Southeasterly	Private.	24	....	125
Pinckney	Washington st.	Perkins st.	Public.	40	1,170	....
Pitman	Beech st.	Spring st.	Private.	30	....	380
Pitman	Spring st.	Belmont st.	Private.	26	....	390
Pleasant ave.	Walnut st.	Vinal ave.	Public.	40	470	....
Poplar ct.	Poplar st.	Southeasterly	Private.	10	....	80
Poplar	Somerville ave.	Linwood st.	Private.	30	....	350

Table Showing the Location, Length, and Width of Public and Private Streets.—Continued

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Poplar	Linwood st.	Joy st.	Private.	35	....	300
Porter ave.	Porter st.	Northwesterly	Private.	20	....	220
Porter pl.	Porter st.	Northwesterly	Private.	20	....	195
Porter	Elm st.	Mountain ave.	Public.	45	1,530	....
Porter	Mountain ave.	Highland ave.	Public.	40	425	....
Powder house boulevard	Powder house square	Northwesterly, Mystic river and Medford line	Public	80	7,200	....
Powder house ter.	Kidder ave.	Liberty ave.	Public.	40	585	....
Prescott	Summer st.	Highland ave.	Public.	50	1,050	....
Preston road	School st.	Summer st.	Public.	40	800	....
Pritchard ave.	Morrison ave.	Boston ave.	Private.	40	....	1,145
Princeton	Alpine st.	Lowell st.	Public.	40	657	....
Princeton	Lowell st.	Centre st.	Private.	40	....	540
Professors' row	Boston ave.	College ave.	Private.	50	....	460
Professors' row	College ave.	Curtis st.	Private.	40	....	1,900
Prospect	Washington st.	Cambridge line	Public.	50	2,050	....
Prospect Hill av.	Medford st.	Munroe st.	Public.	40	450	....
Prospect pl.	Prospect st.	E. Newton st.	Private.	20	....	130
Putnam	Summer st.	Highland ave.	Public.	50	1,240	....
Quincy	Somerville ave.	Summer st.	Public.	40	700	....
Randolph pl.	Cross st.	Westerly	Private.	15	....	244
Raymond ave.	Curtis st.	North st.	Public.	40	1,345	....
Record's pl.	Broadway	Southwesterly	Private.	10	....	110
Reed's ct.	Oliver st.	Southwesterly	Private.	20	....	105
Remick ct.	Cutter st.	Southeasterly	Private.	10	....	100
Richardson	Lowell st.	Lawrence st.	Private.	35	....	480
Richardson ter.	Richardson st.	Northeasterly	Private.	20	....	135
Richdale ave.	School st.	Sycamore st.	Public.	40	875	....
Richmond hi'h'ds	Madison st.	Southerly	Private.	30	....	150
Roberts	Lawrence st.	Northwesterly	Private.	20	....	170
Robinson	Central st.	Bartlett st.	Public.	40	582	....
Rogers ave.	Morrison ave.	Broadway	Private.	45	....	1,700
Roland st.	Waverly st.	Boston line	Private.	40	....	100
Roseland	Beacon st.	Cambridge line	Public.	40	100	....
Rossmore	Somerville ave.	Washington st.	Public.	40	534	....
Royce pl.	Bonair st.	Northeasterly	Private.	15+	....	175
Rush	Broadway	Flint st.	Public.	40	1,400	....
Russell road	Broadway	North st.	Private.	40	....	1,193
Russell	Elm st.	Cambridge line	Public.	40	700	....
Sacramento	Somerville ave.	Fitchburg R. R.	Public.	40	80	....
Sacramento	Fitchburg R. R.	Beacon st.	Public.	40	290	....
Sacramento	Beacon st.	Cambridge line	Private.	40	....	156
Sanborn ave.	Warren ave.	Walnut st.	Public.	40	280	....
Sargent ave.	Broadway	Walnut st.	Public.	40	1,082	....
Sartwell ave.	Cedar st.	Cherry st.	Private.	35	....	400
Sawyer ave.	Packard ave.	Curtis st.	Private.	40	....	690
School	Somerville ave.	Highland ave.	Public.	40	1,870	....
School	Highland ave.	Broadway	Public.	50	2,500	....
Sellon pl.	Marshall st.	Northwesterly	Private.	12	....	120
Seven Pines ave	Cameron ave.	Cambridge line	Private.	40	....	80
Sewall ct.	Sewall st.	Southwesterly	Private.	25	....	190
Sewall	Grant st.	Temple st.	Public.	40	615	....
Shawmut pl.	Shawmut st.	Alston st.	Private.	30	....	200
Shawmut	Washington st.	Cross st.	Public.	40	550	....
Shedd	Somerville ave.	Merriam ave.	Private.	40	....	310
Sherman ct.	Sargent ave.	Marshall st.	Private.	10	....	250
Sherman	Somerville ave.	Frost ave.	Private.	35	....	270
Sibley ct.	Cutter st.	Northwesterly	Private.	10	....	100
Sibley pl.	Cutter st.	Northwesterly	Private.	10	....	100
Simpson ave.	Broadway	Holland st.	Private.	40	....	825
Skehan	Dane st.	Durham st.	Private.	30	....	720
Smith ave.	Beacon st.	Line st.	Private.	25+	....	200
Snow pl.	Belmont st.	Easterly	Private.	30	....	75
Snow pl.	Snow pl.	N'th'ly and S'th'ly	Private.	20	....	222

Table Showing the Location, Length, and Width of Public and Private Streets.—Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Snow ter.	Jaques st.	Southwesterly	Private.	16	....	120
Somerville ave.	E. Camb. line	Union sq	Public.	75	4,300	....
Somerville ave.	Union sq.	N. Camb. line	Public.	70	6,800	....
South	Medford st.	Water st.	Public.	30	989	....
Spencer ave.	Cedar st.	Hancock st.	Public.	40	727	....
Spring ct.	Somerville ave.	Westerly	Private.	20	....	200
Spring	Somerville ave.	Summer st.	Public.	40	1,200	....
Springfield	Concord ave.	Cambridge line	Public.	40	800	....
Spring Hill ter.	Highland ave.	Belmont st.	Private.	20	....	670
Stanford ter.	Beacon st.	Northeasterly	Private.	20	....	200
Stickney ave.	Marshall st.	School st.	Public.	40	458	....
St. James ave.	Elm st.	Summer st.	Public.	40	488	....
Stone ave.	Union sq.	Columbus ave.	Public.	40	676	....
Stone pl.	Stone ave.	Southeasterly	Private.	30	....	145
Summer	Bow st.	Elm st.	Public.	45	7,700	....
Summit ave.	Walnut st.	Vinal ave.	Public.	45	470	....
Summit	College ave.	Billingham st.	Public.	40	262	....
Sumner	Lawrence st.	Northwesterly	Private.	20	....	175
Sunnyside ave.	Walnut st.	Wigglesworth st.	Private.	35	....	250
Sycamore	Broadway	Medford st.	Public.	45	1,250	...
Sycamore	Medford st.	B. & L. R R.	Public.	40	582	....
Sycamore	B. & L. R. R.	Highland ave.	Public.	35	660	....
Sydney	Grant st.	Temple st.	Public.	40	679	....
Talbot ave.	Packard ave.	College ave.	Private.	50	....	1,409
* Tannery (Ext'n)	Cambridge line	Woodstock st. (Ext'n)	Private.	40	....	160
Taunton.	Wyatt st.	Easterly to angle	Private.	30	....	170
Taunton	Angle	Marion st.	Private.	20	....	95
Taylor pl.	Somerville ave.	Southerly	Private.	15	....	200
Taylor	Mystic ave.	Sydney st.	Private.	40	....	310
Temple	Broadway	Mystic ave.	Public.	66	1,540	....
Tenney ct.	Mystic ave.	Northeasterly	Private.	30	....	400
Tennyson	Forster st.	Pembroke st.	Public.	40	868	....
Thorndike	Holland st.	Arl'ngt'n Br. R. R.	Public.	40	465	....
Thorndike	Arl'gt'n Br. R.R.	Kingston st.	Public.	40	115	....
Thorpe pl.	Highland ave.	Southwesterly	Private	30	....	450
Thurston	Broadway	Richdale ave.	Public.	40	1,660	....
Tower ct.	Tyler st.	Northeasterly	Private.	25	....	150
Tower	Crown st.	Highland ave.	Public.	40	559	....
Tremont pl.	Tremont st.	Southeasterly	Private.	about 10	....	75
Tremont	Webster ave.	Cambridge line	Public.	40	589	....
Trull	Vernon st.	Medford st.	Public.	40	1,050	....
Trull lane	Highland ave.	Oxford st.	Private.	15	....	200
Tube Works ct.	Somerville ave.	Southwesterly	Private.	20	....	150
Tufts parkway	College ave.	College ave.	Public.	22	900	....
Tufts	Washington st.	Cross st.	Public.	40	940	....
Tyler	Vine st.	Dane st.	Public.	40	404	....
Unnamed st.	Ware st.	Powder h'se blvd.	Private.	20-40	....	283
Unnamed st. (Highway and Water Dept. grounds)	Broadway	Cedar st.	Private.	45	....	980
Unnamed st.	Pearl st.	Pearl st.	Private.	40	....	540
Union	Broadway	Mystic ave.	Public.	40	330	....
Union pl.	Linwood st.	Southwesterly	Private.	10	....	100
Upland Park	Main st.	Southwesterly	Private.	20	....	175
Veazie	Walnut st.	Bradley st.	Private.	40	....	650
Vernon	Central st.	Jenny Lind ave.	Public.	40	740	....
Vernon	Jenny Lind ave.	Lowell st.	Private.	30	....	600
Victoria	Broadway	Cambridge line	Private.	40	....	1,036
Villa ave.	Winslow ave.	Arlington B. R. R.	Private.	35	....	200
Village	Dane st.	Vine st.	Private.	25	....	370
Vinal ave.	Summer st.	Highland ave.	Public.	45	1,400	....
Vinal	Richardson st.	Northeasterly	Private.	20	....	200

* Proposed.

Table Showing the Location, Length, and Width of Public and Private Streets.—Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Vine ct.	Vine st.	Northwesterly	Private.	25	....	140
Vine	Somerville ave.	Hanson st.	Private.	40	....	780
Vine	Hanson st.	Beacon st.	Private.	25	....	650
Virginia	Aldrich st.	Jasper st.	Public.	40	405	....
Wade ct.	Cedar st.	Westerly	Private.	20	....	180
Waldo ave.	Beacon st.	Dimick st.	Private.	40	....	277
Waldo	Highland ave.	Hudson st.	Public.	40	287	....
Wallace	Holland st.	Broadway	Public.	40	1,350	....
Walnut	Bow st.	Broadway	Public.	40	3,830	....
Walter pl.	Walter st.	Southwesterly	Private.	40	....	222
Walter	Walnut st.	about 100 ft. N. of Bradley st.	Public.	40	548	....
Ward	Medford st.	Earle st.	Private.	30	....	610
Ware	Curtis st.	Northwesterly	Private.	40	....	700
Warner	Powder House sq.	Medford line	Public.	60	500	....
Warren ave.	Union sq.	Columbus ave.	Public.	40	650	....
Warren	Medford st.	Cambridge line	Private.	30	....	100
Warwick place	Warwick st.	Northeasterly	Private	15	....	150
Warwick	Cedar st.	Warwick pl.	Public.	40	655	....
Washington ave.	Washington st.	Northerly	Private.	18	....	350
Washington	Charlest'n line	Franklin ave.	Public.	75	1,060	....
Washington	Franklin ave.	Fitchburg R. R.	Public.	60 to 100	3,870	....
Washington	Fitchburg R. R.	Cambridge line	Public	60	2,380	....
Water	South st.	Northerly	Private.	25	....	250
Waterhouse	Broadway	Cambridge line	Private.	40	....	986
Watson	Broadway	Fairmount ave.	Private.	40	....	236
Waverly	Washington st.	Roland st.	Private.	35	....	200
Webster ave.	Union sq.	Cambridge line	Public.	49.5	1,950	....
Webster	Franklin st.	Cross st.	Public.	40	1,100	....
Wellington ave.	Walnut st.	Montgomery ave.	Public.	40	215	....
Wellington ave.	Montgomery ave.	Easterly	Private.	40	....	85
Wesley pk.	Wesley sq.	Northeasterly	Public.	40	405	....
Wesley	Pearl st.	Otis st.	Public.	40	515	....
West	Broadway	Heath st.	Private.	30	....	250
West	Hawthorne st.	Arlington B. R. R.	Private.	30	....	460
Westminster	Broadway	Electric ave.	Public.	40	376	....
Weston ave.	Clarendon ave.	Broadway	Private.	40	....	525
Westwood road	Central st.	Benton road	Public.	40	489	....
Wheatland	Broadway	Jaques st.	Public.	40	495	....
Wheatland	Jaques st.	Mystic ave.	Private.	40	....	855
Wheeler	Pinckney st.	Mt. Vernon st.	Public.	40	269	....
Whipple	Highland ave.	Arlington B. R. R.	Private.	30	....	318
†White	Elm st.	Cambridge line	Public.		307	....
White St. pl.	White st.	Southeasterly	Private.	20	....	200
Wigglesworth	Bonair st.	Pearl st.	Public.	40	740	....
William	Chandler st.	College ave.	Public.	40	381	....
William	Broadway	Medford line	Private.	50	....	45
Williams ct.	Porter st.	Northwesterly	Private.	30	....	150
Willoughby	Central st.	Sycamore st.	Private.	30	....	400
Willow ave.	Elm st.	Broadway	Public.	50	3,440	....
Willow pl.	Cambridge line	South st.	Private.	25	....	150
Wilson ave.	Broadway	B. & L. R. R.	Private.	20	....	310
Wilton	Lowell st.	Lawrence st.	Private.	35	....	470
Winchester	Broadway	Medford line	Private.	40	....	65
Windham road	Washington st.	Northeasterly	Private.	40	....	335
Windom	Elm st.	Summer st.	Public.	40	300	....
Windsor road	Willow ave.	Hancock st.	Public.	40	575	....
Winslow ave.	College ave.	Clifton st.	Public.	40	1,086	....
Winter	College ave.	Holland st.	Private.	30	....	430
Winter Hill cir.	Broadway	Northeasterly	Private.	25	....	177
Winthrop ave. (Fellsway.)	Broadway	Mystic ave.	Public.	50	1,170	....
Winthrop ave. (Extension.)	Mystic ave.	Middlesex ave.	Private.	40	....	583

†Sidewalk in Somerville.

Table Showing the Location, Length, and Width of Public and Private Streets.—Concluded.

Street.	From.	To	Public or Private	Width in Feet.	Length.	
					Public.	Private.
Woodbine . . .	Centre st. . .	Lowell st. . . .	Private.	30	....	600
*Woods ave. . .	North st. . . .	Alewife brook . .	Private.	40	....	1,350
Woodstock . . .	Victoria st. . .	Alewife brook . .	Private.	40	....	415
*Woodstock (Extension.) .	Victoria st. . .	Tannery st. (Ext'n.)	Private.	40	....	920
Wyatt circle . .	Wyatt st. . .	Wyatt st. . . .	Private.	20	....	315
Wyatt	Concord ave. .	Lincoln parkway .	Public.	40	496	....
Yorktown . . .	100 ft. north of Malvern ave.	Cambridge line .	Private.	40	....	548

*Proposed.

Court	16 Craigie st. .	Westerly . . .	Private.	25	....	126
Court	26 Craigie st. .	Westerly . . .	Private.	25	...	126
Court	36 Craigie st. .	Westerly . . .	Private.	25	....	126
Court	292 Broadway .	Southwesterly . .	Private.	15	....	96
Court	58 Dane st. . .	Easterly	Private.	10	....	70
Court	66 Lowell st. .	Westerly . . .	Private.	25	....	101
Court	78 Lowell st. .	Westerly . . .	Private.	25	....	101
Court	Olive ave. . .	Porter st. . . .	Private.	7.5	....	156
Court	10 Stone ave. .	Northwesterly . .	Private.	20	....	113
Court	21 Albion st. . .	Northeasterly . .	Private.	10	....	100
Court	227 Columbia st.	Northwesterly . .	Private.	10	....	117
Court	11 Albion st. .	Northeasterly . .	Private.	9	....	170
Court	20 Dimick st. .	Southwesterly . .	Private.	39.25	....	136
Court	255 Wash'gt'n st.	Northwesterly . .	Private.	30	....	176
Court	612 Broadway .	Southwesterly . .	Private.	20	....	188
Total . .	. . . . .	. . . . .	. . .	. . .	333,104	152,300

Public, 63.088 miles; private, 28.845 miles.

NAMES AND LOCATIONS OF PUBLIC SQUARES.

Name.	Area in Acres.	Junction of
Central . . .	0.53	Medford st., Cross st., Shawmut st., Prospect Hill ave.
Concord . .	0.50	Concord ave., Newton st.
Cutter . . .	0.72	Elm st., Summer st., Cutter ave., Russell st.
Davis . . .	1.00	Highland ave., College ave., Holland st., Elm st., Day st., Dover st.
Gilman . . .	0.49	Medford st., Pearl st., Marshall st.
Magoun . . .	0.46	Broadway, Medford st., Dexter st.
Metropolitan .	0.51	Bow st., Somerville ave., Carlton st.
Oak	0.64	Elm st., Somerville ave., Craigie st.
Powder House	1.34	Broadway, College ave., Warner st., Powder House boulevard.
Teele	0.38	Broadway, Holland st., Curtis st., Newbury st.
Union . . .	2.05	Somerville ave., Washington st., Webster ave., Warren ave., Bow st., Stone ave.
Wesley . . .	0.03	Bow st., Summer st., Wesley park.
Total . . .	8.65	

25 Oct. 18

29th Annual Report

of the

City Engineer

of the

City of Somerville

Massachusetts

1902

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Compliments of

ERNEST W. BAILEY,

City Engineer.

TWENTY-NINTH

ANNUAL REPORT

OF THE

CITY ENGINEER

OF THE

CITY OF SOMERVILLE

MASSACHUSETTS

FOR THE YEAR 1902.

SOMERVILLE JOURNAL PRINT
1903

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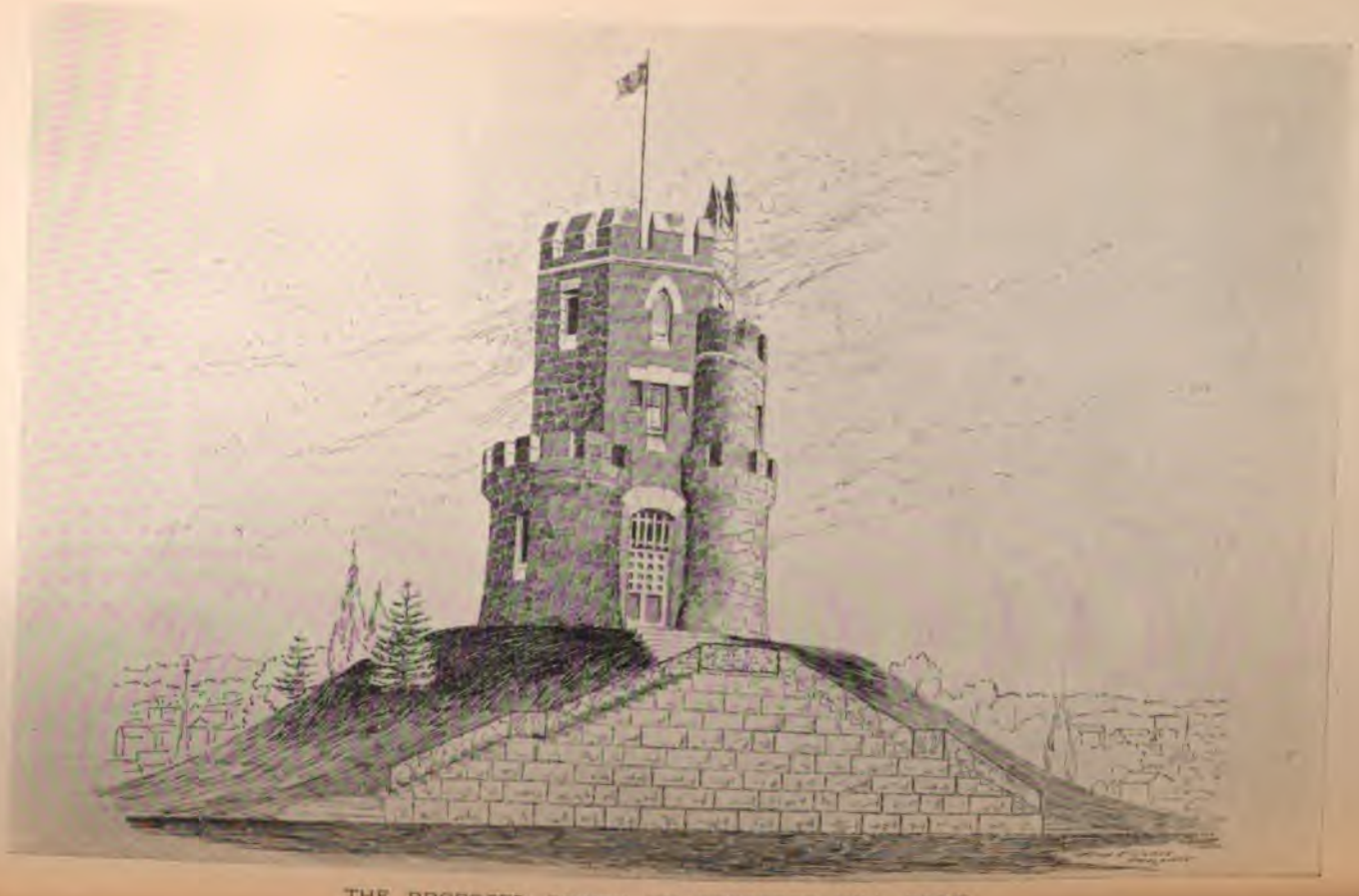

THE PROPOSED TOWER ON PROSPECT HILL PARK.

REPORT OF THE CITY ENGINEER.

OFFICE OF THE CITY ENGINEER,
CITY HALL, SOMERVILLE, January 26, 1903.

To His Honor, the Mayor, and the Board of Aldermen:—

Gentlemen,—In accordance with the provisions of the city charter, the following report of the work done and expense incurred for the year ending December 31, 1902, by the departments under my charge and supervision, including Engineering, Sewers, Public Grounds, and other public works, is herewith presented.

ENGINEERING DEPARTMENT.

Statement of Expenses, 1902.

Salary City Engineer (including maintenance of team)	$2,800 00	
Salaries of assistants	9,022 06	
Stakes, tools, and general supplies (outside work)	76 93	
Draughting materials and office supplies (inside work)	96 15	
Stone bounds for defining street lines	92 48	
Car fares	229 07	
Telephone and incidentals	97 24	
Total expenditure in the department		$12,413 93
Appropriation	$11,900 00	
Credit by amount received for making acceptance plans	119 00	
Credit by amount received for inspection services, Sewers and Park construction work	430 00	
		$12,449 00
Balance unexpended		$35 07

Classification of Expenditures, Assistants' Salaries.

Sewers—comprising surveys, estimates, profiles, lines, grades, titles, plans, assessments, and all engineering work relating to sewers	$2,979 73
Highways—comprising plans, estimates, titles, profiles, lines and grades, and all other engineering relating to the department	928 50
Amount carried forward	$3,908 23

Amount brought forward	$3,908 23	
Sidewalks — comprising profiles, lines, grades, measurements, titles, costs, and assessments	1,070 49	
Bridges and Subways—comprising surveys, plans, and estimates	79 49	
Water Works—comprising lines, grades, locations of mains, gates, hydrants and services, and other matters relating to water department	263 17	
Public Grounds—comprising surveys, plans, estimates, profiles and grades, including laying out of parks and grounds .	214 17	
Public Buildings—comprising surveys, estimates, lines, grades, and other work relating to construction . . .	60 02	
Street Numbering—comprising locations of buildings, plans, and affixing street numbers on houses	362 31	
Street Lines and Grades—comprising establishing of lines, grades, and miscellaneous data given parties for building and grading	215 24	
Middlesex Registry—comprising copying of plans and abstracts from deeds filed, and examination of titles . . .	145 56	
City Survey—comprising lines, angles, and measurements, calculations of traverses, and locations of division lines and buildings	636 89	
Prospect Hill Park—comprising surveys, calculations, taking of land plans, construction plans, profiles, deeds, and general engineering work in laying out and constructing . . .	697 86	
Railway, Telephone, Electric Light and Gas Light Companies—comprising grades, plans, profiles, and office notes, locations of poles and conduits . . .	44 23	
Stone Bounds—locating and setting . .	140 61	
Office Work—comprising records of all locations, indexing, typewriting, calculations, and general draughting . .	707 59	
Miscellaneous Work—comprising preliminary surveys, designs, sketches, etc., relating to various schemes for different committees	145 62	
Vacations and Sickness	330 58	
Total		$9,022 06

Office Records and Value of Instruments.

Number of survey note books, sewer permit books, and deed books . . .	237	
Number of plans, including sewers, highways, parks, house lots, etc. . .	6,000	
Value of field instruments, tools, and office instruments		$1,400 00

General Work. The number of assistants employed during the year has varied according to the amount of work, the regular department force being ten and the maximum number employed eighteen.

The office work has been continued on the same general system as in past years, all note books and records of sewers, drains, highway work, water works, etc., have been indexed, all plans of estates in Somerville filed at the Registry of Deeds, East Cambridge, have been copied and indexed and all new plans of work made in the office.

Titles have been examined and abstracts from deeds made at the East Cambridge Registry for the purpose of assessing betterments on the property owners of estates assessable for the construction of new highways, sidewalks, and sewers, and amounts computed and schedules made out for the same.

A number of street names have been changed and new street numbering plans have been made, old plans revised, houses plotted and numbers affixed to buildings throughout the entire city. There are many streets, avenues, courts and places in the city of the same or very similar name, which should be changed to prevent the confusion and inconvenience now existing.

During the year the department has made plans and established grades for the acceptance, under the betterment act, of twenty-four new public streets, a total length of 2.65 miles; all of these plans have been copied and filed at the Middlesex Registry as required by law. A portion of these streets have been graded and macadamized and assessments levied.

A plan has been made showing a passageway, and land taken for the same, extending from the Cummings' school lot, on School street, through to Prescott street, about on the extension of Berkeley street; this passageway is for the use of foot passengers only.

A number of plans have been made at the request of the City Solicitor for use in different accident cases and hearings where the city's interests were involved.

Surveys and plans have been made for acquiring land for schoolhouse purposes, and lines and grades given for construction work on new buildings.

A large amount of engineering services has been required in making plans and profiles and laying out and constructing the new park on Prospect Hill.

Lines and grades have been given for setting 35,102 linear feet (6.65 miles) of new edgestone and the resetting of 11,700 feet (2.22 miles) of old edgestone, and measurements taken for computing assessments.

Six thousand four hundred and fifty-eight square yards of new brick sidewalks and eighty square yards of granolithic walk have been laid (about 1.77 miles in length) and 8,610 square yards of old brick sidewalks relaid.

The average cost for the year of setting edgestone has been seventy-nine cents per linear foot and brick walks eighty-eight cents per square yard.

Lines and grades have been given, measurements taken and computations made for the laying out and constructing of new streets, the reconstructing and repairing of old streets.

Lines and grades have been given the Water Department when requested.

Sixteen thousand one hundred and fifty feet of new mains with hydrants and gates have been located; 190 water services located and sketches made showing the buildings, services, gates, etc., for the water office.

A number of stone bounds have been set in concrete at street intersections and angles, for permanently defining street lines, and there are about one hundred more of these bounds that should be set in various parts of the city.

The Cambridge and Charlestown gas, electric light and street railway companies have filed plans showing locations in the city's streets of mains and tracks laid and poles erected, as required by the city ordinances.

The Boston Elevated Street Railway has petitioned the city for a double track location in Mystic and Middlesex avenues, extending from the Boston city line to the Medford city line at Mystic River. The laying of these tracks will necessitate the filling to grade, macadamizing and constructing of these avenues to their full width, sixty-six and sixty feet, respectively.

Bridges, Subways, and Grade Crossings. The old bridge over the Boston and Maine railroad at Sycamore street has been removed, new granite abutments constructed and a modern iron bridge built, giving the city a forty-foot street (including sidewalks) over the railroad. Owing to the delay in obtaining the iron work on this bridge the construction of the bridge over the railroad at School street was postponed, but this will be built the coming year, the railroad company bearing the total expense of constructing these bridges.

When these two bridges are completed, the city and railroad company will no doubt make a satisfactory agreement for the construction of a new highway bridge at Lowell street, a most important cross-town street in the centre of the city.

Plans and estimates have been made for constructing a subway for foot passengers at the Thorndike street crossing at West Somerville, and when all details are agreed upon with the railroad company the time of completion will be short and the cost of construction comparatively small. This structure is to be eight feet wide and seven feet high (inside dimensions), with white enamel brick facing and granite steps at the entrances.

On the Fitchburg division of the Boston and Maine railroad a dangerous crossing exists at Somerville avenue, and its abolition has been a matter of discussion for a number of years past.

The expense to the city for changing this crossing, while large, is small when compared with the total cost and amount of work involved by the railroad companies.

The separation of grades would necessarily extend into the city of Cambridge, and involves the interests of two cities, two steam railroads, one electric railroad, and two large slaughter houses. Some feasible plan must first be agreed upon by the above parties, vitally interested; these two heavy traffic railroad companies, the Fitchburg division of the Boston and Maine railroad and the Grand Junction division of the Boston and Albany railroad, must devise some plan of separating their railroad crossings as well as the cities of Somerville and Cambridge, their respective highway crossings; also at the same time the crossing at Medford street would have to be changed, but the remaining street crossings on the Fitchburg division, seven in number, could be abolished independently of the Somerville avenue and Medford street work.

There are six grade crossings within the city limits on the Lexington and Arlington branch of the Boston and Maine railroad system, but any contemplated change in grade would require the co-operation of the city of Cambridge in the matter, as the abolition of these crossings necessitates a similar change in Cambridge; no definite plan has as yet been adopted.

A new bridge is being constructed by the Metropolitan Park Commission over Mystic river, on the line of the Fells Boulevard and Middlesex avenue, the old bridge to be removed after the completion of the new work. The length of the new pile structure on the Somerville side of the river will be some two hundred feet less than at present, owing to the change in the shore line, requested by our city, so that the mud flats now exposed at low tide may be filled to a proper grade and the banks of the river improved at this locality; it will also give the city more taxable area and property.

Streets Accepted in 1902 Under the Betterment Act.

Name of Street.	Ward.	From	To	Width in Feet.	La
Bedford . . .	2	South st. . . .	Cambridge line	30	
Bowdoin . . .	2	Fremont ave. .	Lincoln park .	40	
Charles	1	Washington st.	Southeasterly .	30	
Dimick	2	Concord ave. .	Calvin st. . .	40	
Fairlee	6	Cherry st. . .	Northwesterly .	30	
Fenwick . . .	5	Heath st. . . .	Jaques st. . .	40	
Fountain ave. .	1	Cross st. . . .	Glen st. . . .	30	
Henry ave. . .	6	Highland ave. .	Lexington ave. .	40	
Homer sq. . . .	3	Bonner ave. . .	Northwesterly .	30+	
Kensington ave.	4	Broadway . .	Blakeley ave. .	40	
*Line	2	Washington st.	Southeasterly .	30	1
Maple	1	Poplar st. . .	Medford st. . .	30	
Marion	2	Wyatt st. . .	Northwesterly .	40	
Munroe	3	Boston st. . .	Near Walnut st.	50	1
Pembroke . . .	5	Central st. . .	Sycamore st. .	40	
Poplar	1	Somerville ave. / Linwood st. .	Linwood st. . / Joy st. . . .	30 / 35	
Professors row .	7	College ave. . .	Curtis st. . . .	40	2
Rogers ave. . .	6	Morrison ave. .	Boston ave. . .	45	1
Stone ave. (Ext'n)	3	Columbus ave. .	Prospect Hill pk.	38	
Veazie	4	Walnut st. . .	Bradley st. . .	35	
Willoughby . .	5	Central st. . .	Sycamore st. .	40	
Wilton	5	Lowell st. . .	Lawrence st. .	35	
†Windham road	3	Washington st.	Columbus ave. .	40	
Winter	7	College ave. .	Holland st. . .	30	
Total . . .	. .	. . . . .	(2.648 miles)	. . .	13

*Part in Somerville, part in Cambridge; the boundary line running approximately t the centre of the street.

† Name of street changed to Columbus avenue after acceptance.

Length of Accepted Streets in Each Ward.

	Miles.
Ward One	8.899
Ward Two	7.623
Ward Three	6.531
Ward Four	8.228
Ward Five	10.453
Ward Six	10.698
Ward Seven	13.379
Total length of accepted streets in the city .	65.811

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Miles of Edgestone, Brick Sidewalk and Gravel Sidewalk in Each Ward.

	Edge-stone.	Brick Sidewalk.	Gravel Sidewalk.
Ward One	15.080	11.532	3.548
Ward Two	10.193	3.940	6.253
Ward Three	12.740	11.159	1.581
Ward Four	12.258	8.307	3.951
Ward Five	14.113	9.274	4.839
Ward Six	17.787	9.034	8.753
Ward Seven	14.924	6.997	7.927
Total miles in the city	97.095	*60.243	36.852

*Includes 1.6 miles granolithic and tar concrete walk.

Table of Street Construction.

	Miles.
*Streets paved with granite blocks	2.75
Streets paved with asphalt	.66
Streets paved with vitrified bricks (Davis square)	.14
**Streets macadamized	60.19
Streets graveled	18.43
Streets unimproved	10.35
Total	92.52

*Also 29 miles (single track) electric railway, granite paved.
**Includes 2.84 miles boulevard.

SEWER DEPARTMENT.

Statement of Expenses, 1902, Sewers Construction Account.

Constructing "separate system" sewers (assessments levied)	$3,629 46	
Constructing "separate system" sewers (no assessments)	19,877 95	
Constructing sundry sewers as petitioned for	1,664 27	
Constructing storm drains	1,857 83	
Constructing chamber and tide gates, Middlesex avenue (storm drain outlet)	2,222 27	
Constructing 64 catch basins, street drainage	3,296 44	
Final payments on sewers constructed in 1901	3,771 74	
Settlement of accident claims	505 00	
Printing and car fares	26 97	
Materials on hand December 31, 1902,—drain pipe, $477.54, manhole stock, $100.00, lumber, $58.60, catch basin stock, $47.50	683 64	
Total		$37,535 57

CREDIT.

Balance unexpended December 31, 1901	$10,748 17	
Appropriation, 1902	25,000 00	
Sewers constructed in 1902, assessments levied	3,770 09	
Estates entered into various sewers, assessments	112 53	
Credits from other departments	77 39	
Reserves on contracts, due in 1903	1,189 18	
Materials on hand December 31, 1901	926 50	
		$41,823 86
Balance unexpended		$4,288 29

In the construction of sewers the past year a portion of the work has been done by the city, employing day labor, and the remainder by contractors; day labor being employed on the difficult work and where unknown obstacles were to be encountered.

The "separate system" sewers (those built for house drainage only) have been extended during the past year in various streets in different sections of the city.

One of the main lines has been extended at the westerly end of Washington street to Beacon street and completed in Beacon street, on the northeasterly side, as far as Sacramento street; from this main line the laterals can be constructed as desired. This

main structure was a pipe sewer of eighteen inches, fifteen inches and twelve inches in size, respectively, and the excavation for about two thousand feet in length and the entire depth was of a first quality sand and gravel, one section where the cut was eighteen feet deep being all gravel of the best quality, and a number of the city departments were supplied with sand and gravel to the extent of about seven hundred cubic yards from this sewer trench excavation.

In the East Somerville district a beginning on the construction of the "separate system" sewers has been made during the year, which will be extended in the future until the entire area, where the flooding of cellars now exists, has been completed; the new system will be used for house drainage and the present sewers used as a storm drainage system.

One of the main lines has been constructed having as an outlet the "regulator chamber," which is connected with the Metropolitan sewer, at the junction of Waverly and Roland streets, near the Charlestown line; an eighteen-inch pipe sewer being laid in Waverly street, and a twelve-inch pipe sewer extending on the southerly side of Washington street, and the westerly side of Franklin street to Palmer avenue and westerly in Palmer avenue. This main can be extended when desired and intersecting streets and houses along the line connected.

"Separate system" sewers have been commenced in the Poplar street and Linwood street district, a twelve-inch main being laid in Poplar street and eight-inch lateral sewers under the sidewalk on both sides of Linwood street; each year as required the system can be extended in this district.

The past year a permanent storm drainage outlet for the eastern district of the city, which will eventually include over four hundred acres, has been constructed across the marsh land, owned by the Boston and Maine Railroad corporation, extending easterly in the line of the old water course, from Middlesex avenue to Mystic river.

This work was done for our city by the railroad company at their expense, so that the entire area of low land and water course could be filled up to a sufficient grade for the company's use. The structure is six and one-half feet square, inside dimensions, built of heavy timbers supported by a pile foundation, and is over eleven hundred feet long, the outlet at the river being only temporary and to be extended about one hundred and fifty feet when the retaining wall is constructed along the newly established river front line; at the Middlesex avenue end of the structure the city has built a large tide gate chamber with automatic working tide gates, being the largest sewer gates in the city. The connecting part of this outlet between Middlesex avenue and Mystic avenue still remains to be built.

Plans and estimates have been made in conjunction with the city of Cambridge and the towns of Arlington and Belmont, for the improvement of Alewife brook on the northwesterly border of the city, for the purpose of better drainage of the low lands along the banks of the brook and to relieve the stagnation caused by the flat grade and action of the tide water from Mystic river.

It is proposed to construct automatic working tide gates at the junction of the brook with the river and to straighten and widen the channel and dredge the brook to a uniform grade; the total estimated cost for the entire work amounting to about $10,000.00, and the legislature will have to first pass an act authorizing the making of this improvement.

While the storm drainage of the easterly and northwesterly sections of the city can be easily taken care of by outlets into Mystic river and Alewife brook, it is a perplexing question to find a means of disposing of storm water for the largest water shed area in the city, on the southerly and southeasterly side; there being no river or stream for an outlet, as the city borders on land of the city of Cambridge the entire distance.

At present there is but one outlet for storm water for this large area, extending for a half-mile through the city of Cambridge, finally discharging into Charles river, near Craigie bridge, and being of very little value to Somerville, the capacity of this drain being far too small.

A partial relief could be obtained by constructing a short and quick outlet into the head of Miller's river, at the East Cambridge line, extending easterly from Somerville avenue under the southern division of the Boston & Maine railroad to this tide water outlet. This proposed outlet would be of great benefit to the immediate section, now badly flooded in times of storms, and would save a large amount of private property now continuously flooded. Application has been made to the legislature for authority to construct this outlet, but as yet the city has been unsuccessful in obtaining permission.

Summary of Work. Sewers have been constructed as petitioned for in different sections of the city and portions of the cost assessed on estates benefited amounting to $3,770.09. Two "separate system" sewer mains have been connected directly with the Metropolitan sewer.

Thirty-one sewers have been constructed during the year, a total length of 14,304.3 feet (2.71 miles) and six storm water drains, a length of 2,192.8 feet (0.42 mile). (See table of sewers.)

Total length of sewers in the city, 82.79 miles (16.88 miles being on the "separate system"), and the total length of storm drains 4.33 miles.

TIDE GATES.

ON STORM DRAIN OUTLET.

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TILDEN FOUNDATIONS.

The entire length of the city's drainage system is over eighty-seven miles and the cost of construction has been about $1,105,943.00.

Sixty-four new catch basins have been constructed during the year, at an average cost of $51.51 per basin, making a total of 1,228 catch basins in the city for street drainage purposes.

The city's assessment for the Metropolitan system for the year was $29,919.09 on construction and $15,241.16 for maintenance. In the City Engineer's report for 1901 tables are given showing the total number of the city's connections with the Metropolitan Sewerage system and the total amounts paid the Commonwealth of Massachusetts for construction and maintenance of the North Metropolitan Sewerage system; and a table showing the length and cost of the "separate system" sewers built in Somerville and connected with this Metropolitan system.

Sewers Maintenance Account.

STATEMENT OF EXPENSES, 1902.

Maintenance of sewers, including repairing and cleaning	$4,630 01	
Maintenance of catch basins, repairing and cleaning	4,313 14	
Changing line and grade and repairing manholes	212 60	
Changing line and grade of catch basins	257 16	
Inspection and location of house drains	212 50	
Rent of water course, between Mystic and Middlesex avenues	225 00	
New tools and supplies	220 90	
Repairs of tools and property	149 70	
Cleaning cellars flooded in times of storms	41 75	
Sundry expenses, car fares, telephones, etc.	51 74	
Maintenance of sewer department yards and buildings	250 39	
Materials on hand December 31, 1902, lumber	12 00	
Total		$10,576 89

CREDIT.

Appropriation	$10,500 00	
Boston Elevated Railway Company, changing line and grade manholes, Cross street	34 54	
Hose, rope, etc.	28 70	
Materials on hand December 31, 1901,—lumber, $12.00, cement, $1.00, bricks, $4.88	17 88	
		$10,581 12
Balance unexpended		$4 23

Value of tools and property used in maintenance of sewers	$1,130 72

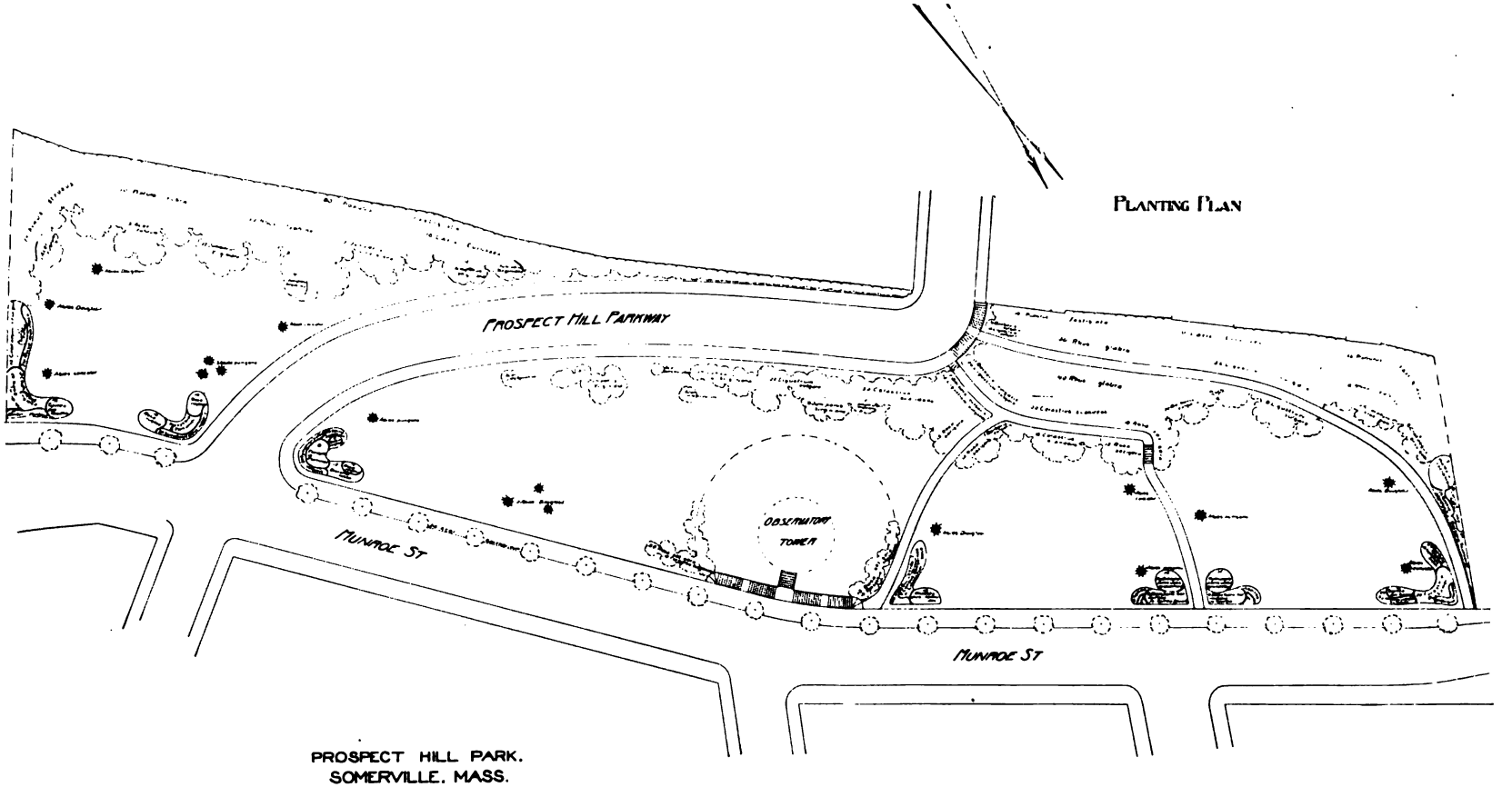
The maintenance of the city's drainage system, which includes all sewers, storm drains, and a net work of catch basins all over the city is probably as intricate a system as can be found in any city in the state and requires continuous labor in cleaning, flushing, repairing, etc., to be kept in working order.

About 6,400 cubic yards of material have been removed from catch basins and sewers during the past year, and about one hundred blow-off connections from the water mains opened and the sewers flushed. Fifty-six catch basins have been repaired, grade changed or rebuilt; forty-seven manholes, line or grade changed, and twenty-three sewers and storm drains repaired.

During the year three hundred and twenty-one permits have been issued to licensed drain layers for connecting buildings with the main sewers, twenty-six being for repairs; all of the work being done under the supervision of the city's inspector. There are about 12,300 private drain connections with the city's drainage system.

Two of the city's largest outlets for storm drainage are through the city of Cambridge into tide water; the one for the southeasterly section of the city, extending through East Cambridge and discharging into Charles river, was constructed many years ago, Somerville paying five-ninths of the cost for building this brick structure, and has paid five-ninths of the cost of maintenance of this outlet for nearly thirty years, under an act of the Legislature.

During the past year this outlet was cleaned and a section of the river dredged, Somerville's proportion of the expense amounting to nearly $1,600.00. This act should be changed so that Somerville will not be compelled to pay more than her proportionate part, the prevailing conditions being far different from what existed many years ago, when the present act was passed.



PROSPECT HILL PARK.
SOMERVILLE. MASS.
OCTOBER 1902

THE NEW YORK
PUBLIC LIBRARY
ASTOR, LENOX AND
TILDEN FOUNDATIONS.

PUBLIC GROUNDS DEPARTMENT.

This department covers a varied line of work, including the designing, laying out and constructing of new parks, boulevards and drives, athletic fields and smaller playgrounds, the care and maintenance of all the grounds after completion, the control of all the various athletic games on the different playgrounds, the purchasing of all supplies and a general supervision, at present, over sixteen separate parcels of land located in all parts of the city, amounting to about fifty-eight acres, and a boulevard one and one-third miles in length.

New Work. During the first part of the year arrangements were made whereby the city obtained, by purchase, the remaining land on Prospect Hill, about six-tenths of an acre, for park purposes and also land for a roadway, and the work of constructing the new park was commenced. A street has been laid out and constructed through the park and land purchased from the Vinal and Eberle estates, connecting Prospect Hill avenue with Stone avenue and making a direct line of communication with Union square.

The greater part of the unsightly hill along Munroe street has been removed, the street cut down, widened and graded the entire length and the park area graded. About eighteen thousand cubic yards of surplus material was taken to Lincoln Park and used for filling in the old clay pit. Heavy granite retaining walls have been constructed, the steep slopes loamed and grassed and walks built.

A section of the old original hill at its highest elevation, opposite Greenville street, has been left standing for a foundation on which a substantial granite structure is to be built and will be the highest accessible point in Somerville from which an unobstructed view may be obtained.

The addition of trees, shrubs, vines and flower beds, as shown by a planting plan, will eventually make this historical spot one of the finest pleasure parks in the vicinity.

Prospect Hill Park (2.6 Acres).

COST OF CONSTRUCTION, 1902.

Removing surplus material and grading slopes and new street in park	$7,973 63
Removing surplus material in Munroe street (outside of park)	3,000 00
Constructing walks and seeding grounds	578 11
Building granite retaining walls on new street and Munroe street	4,229 03
Amount carried forward	$15,780 77

Amount brought forward		$15,780 77
Building blue stone retaining wall, south side park		591 82
Edgestone and concrete gutters, new street in park		515 67
Granolithic steps and walk		343 68
Iron fences and railings		718 75
Wooden fences		261 36
Water services		89 00
Tools and supplies		101 11
Engineering and inspection		185 00
		$18,587 16
Total appropriation		18,588 50
Balance		$1 34
Land purchased, 1902, Prospect Hill Park:—		
Jones' estate, .6 acre land for park purposes	$13,653 18	
Vinal and Eberle estates, .1 acre land for roadway	3,495 60	
Hutchings estate, taxes for 1901	139 92	
		$17,288 70
Total appropriation		17,420 30
Balance		$131 60

The new athletic field, situated on Broadway near Powder House square in West Somerville, leased to the city for a term of ten years by the trustees of Tufts College, has been suitably fenced and graded, a grand stand with a seating capacity of over fifteen hundred people erected and dressing rooms built, making one of the best athletic fields obtainable. During the year the field has been in constant use for baseball, football, and other athletic games.

Broadway Athletic Field, West Somerville (4.4 Acres).

COST OF CONSTRUCTION.

Grading field, labor and teams, rolling and seeding	$900 50
Enclosing field with fence	941 10
Building seats	710 98
Building dressing rooms and tool house	387 00
Water supply and sanitary	256 62
Painting structures	49 85
	$3,246 05
Total appropriation	3,246 05

Another ball field has been laid out and partially graded on what is known as the "City field" on land adjoining the Highway and Water Department stables and the remaining area at the corner of Broadway and Cedar street will soon be graded.

By a recent act of the Legislature the city has been given the authority to acquire within a specified time the ledge property on Clarendon Hill, West Somerville, for park purposes, over which

VIEWS OF PROSPECT HILL PARK.

BEFORE GRADING.

AFTER GRADING.

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TILDEN FOUNDATIONS

there has been much controversy in the past concerning blasting rights, and it now remains for the city to adopt some satisfactory means of developing this section of land. A plan was prepared about a year ago showing a proposed public street to be laid through this section with the ledge property converted into a pleasure park.

An appropriation of $800.00 has been made for the purchase of land in the rear of the Glen street playgrounds for enlargement, but no satisfactory arrangements for acquiring this additional area have as yet been made.

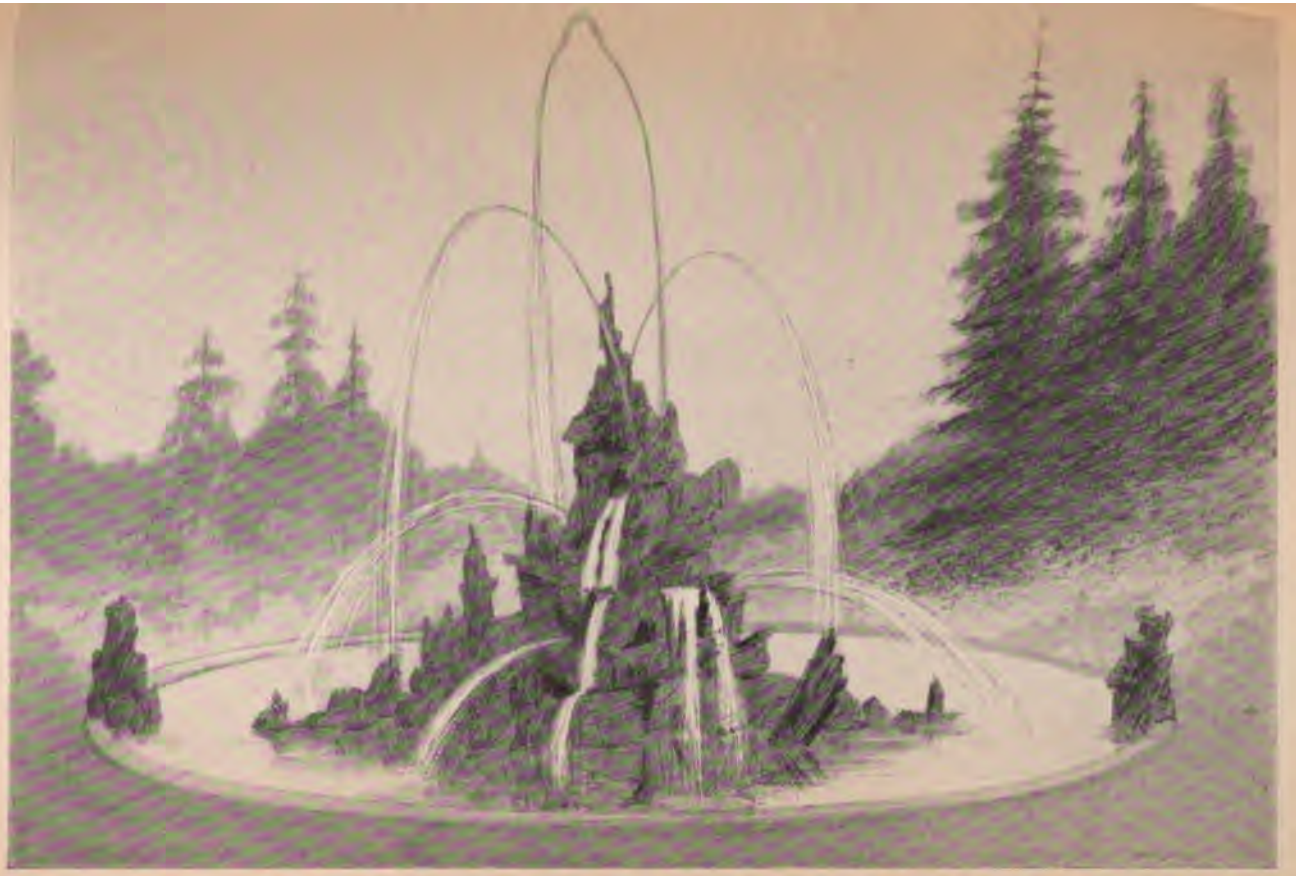
The abandoned schoolhouse property at the corner of Joy and Poplar streets, an area of four-tenths of an acre, has been added to the Public Grounds Department, and will be laid out as a playground for this section.

Maintenance Account, 1902.

STATEMENT OF EXPENSES.

Broadway Park (15.9 acres):—		
Maintenance of grounds and general care of property	$1,726 95	
Tools and supplies	122 18	
Repairing tools and property	49 44	
Plants, flowers, bulbs, etc.	213 19	
		$2,111 76
Broadway Parkway (1.4 acres):—		
Maintenance of grounds	$82 85	
Plants, flowers, etc.	90 00	
		172 85
Central Hill Park (13.1 acres):—		
Maintenance of grounds and general care of property	$1,427 19	
Tools and supplies	97 91	
Repairing tools and property	16 90	
Plants, flowers, bulbs, etc.	494 60	
		2,036 60
Lincoln Park (8.3 acres):—		
Maintenance of grounds and general care of property	$1,641 82	
Tools and supplies	73 00	
Repairing tools and property	112 71	
Plants, flowers, etc.	50 00	
		1,877 53
Tufts Park (4.5 acres):—		
Maintenance of grounds and general care of property	$807 57	
Tools and supplies	68 05	
Repairing tools and property	25 20	
Plants, flowers, bulbs, etc.	200 00	
		1,100 82
Prospect Hill Park (2.6 acres):—		
Maintenance of grounds	$286 17	
Tools and supplies	21 35	
		307 52
Amount carried forward		$7,607 08

Amount brought forward		$7,607 08
Paul Revere Park:—		
Maintenance of grounds		31 00
Playgrounds, Glen street, corner Oliver street (0.9 acre):—		
Maintenance of grounds		48 10
Playgrounds, Webster avenue, near Cambridge line (0.2 acre):—		
Maintenance of grounds		22 00
Playgrounds, Somerville avenue, corner Kent street (0.8 acre):—		
Maintenance of grounds	$86 00	
Repairing property	17 22	
		103 22
Grounds, Belmont street, near Summer street (0.4 acre):—		
Maintenance of grounds	$130 30	
Tools and supplies	16 00	
Plants, flowers, bulbs, etc.	65 50	
		211 80
Playgrounds, College avenue, opposite Morrison street (0.4 acre):—		
Maintenance of grounds	$52 69	
Supplies	21 40	
		74 09
Playgrounds, Broadway, corner Cedar street (4.2 acres):—		
Grading athletic field	$325 59	
Maintenance of grounds	70 35	
		396 14
Playgrounds, Joy street, corner Poplar street (0.4 acre) (just acquired).		
Broadway Athletic Field, Tufts College land (4.4 acres):—		
Maintenance of grounds and care of property	$660 12	
Tools and supplies	132 01	
		792 13
Somerville-avenue Cemetery (0.7 acre):—		
Maintenance of grounds	$56 75	
Repairs of property	57 15	
		113 90
Powder House Boulevard (1 1-3 miles long):—		
Maintenance of roadway and walks		140 50
Incidentals		39 50
Total expenditure (58.2 acres, 1 1-3 miles boulevard)		$9,579 46
Appropriation	$9,500 00	
Credit amount received from other departments	109 95	
		$9,609 95
Balance unexpended		$30 49
Value of tools and property used in maintenance of grounds	$1,500 00	



PROPOSED FOUNTAINS AND ROCKERY, CENTRAL HILL PARK.
(Wilson Memorial.)

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The principal parks and grounds have had the usual display of plants and flowers in their seasons and the skating fields kept in condition during the winter. Brown-tail moth nests were removed from trees on all of the grounds early in the year.

At Lincoln Park a large portion of the old Wyatt's clay pit has been filled, so that a two hundred and twenty yard straightaway running track can be constructed. This park is principally devoted to athletics, there being a first-class outdoors' gymnasium, ball field and bicycle track.

Public tennis courts have been laid out and constructed on the College avenue playgrounds, opposite Morrison avenue.

The Powder House boulevard has been in constant use, it being the shortest route through Somerville to the Mystic Valley boulevard of the Metropolitan system, and should be taken and maintained by the state, as it will be practically a part of the system when the present Metropolitan driveway is constructed southerly along Mystic river.

Twenty-five hundred dollars has been turned over to the Public Grounds Department, which was left to the city by the will of Joseph F. Wilson. It has been decided to use this money in the building of a rockery and basin, around which a number of drinking fountains will be placed and constructed so that it may be illuminated when desired; this structure to be erected on Central Hill Park, in front of the "Battery" on Highland avenue.

APPENDED TABLE.

Following this report is a table giving names of all streets in the city, public and private, lengths, widths, and the total mileage; in the 1901 report a table was given showing the locations and names of public squares in the city.

ERNEST W. BAILEY,
City Engineer.

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Church St. pl.	Church st. (south)	Northwesterly	Private.	25	....	170
Claremon	Holland st.	Mead st.	Public.	40	560	....
Clarendon ave	Broadway	Cambridge line	Private.	40	....	1,210
Clark	Newton st.	Lincoln parkway	Private.	35	....	545
Cleveland	Central st.	Elm pl.	Private.	40	....	270
Clifton	Appleton st.	Morrison ave.	Public.	40	240	....
Clifton	Morrison ave.	Arlington Br. R.R.	Private.	40	....	220
Clyde	Cedar st.	Murdock st.	Private.	30	....	600
College ave.	Davis sq.	Medford line	Public.	60	4,080	....
Columbia	Webster ave.	Cambridge line	Public	40	816	....
Columbia ct.	Columbia st.	Webster ave.	Private.	9	....	150
Columbus ave.	Washington st.	Walnut st.	Public.	40	1,352	....
Concord ave	Prospect st.	Leon st.	Public.	40	1,500	....
Concord ave.	Leon st.	Beacon st.	Private.	30	....	470
Congress pl.	Linwood st.	Southwesterly	Private.	16	....	200
Conlon ct.	Columbia st.	Easterly	Private.	20	....	200
Conwell ave.	Curtis st.	North st.	Private.	40	....	1,349
Conwell	Highland ave.	Southwesterly	Public.	35	363	....
Cooney	Beacon st.	Line st.	Private.	26	....	220
Cottage ave.	Russell st.	Chester st.	Public.	40	500	....
Cottage circle	Cottage ave	Southwesterly	Private.	25	....	87
Cottage pl.	Washington st.	Northwesterly	Private.	about 11	....	150
Craigie	Somerville ave.	Summer st.	Public.	50	1,250	....
Crescent	Washington st.	Pearl st.	Private.	30 to 38	....	650
Crocker	Highland ave.	Crown st.	Public.	40	524	....
Cross	Medford st.	Broadway	Public.	45	2,650	....
Cross	Broadway	Mystic ave.	Public.	40	1,100	....
Cross St. pl.	Cross st.	Northwesterly	Private.	24	....	150
Crown	Porter st.	Lowell st.	Private.	30	....	700
Curtis ave.	Curtis st.	Northwesterly	Private.	40	....	700
Curtis	Broadway	Medford line	Public.	40	2,300	....
Cutler	Lawrence st.	Northwesterly	Private.	20	....	170
Cutter ave.	Summer st.	Highland ave.	Public.	40	430	....
Cutter pk.	Cutter ave.	Northwesterly	Private.	12	....	83
Cutter	Broadway	Webster st.	Public.	40	740	....
Cypress	Central st.	Beech st.	Public.	40	262	....
Dana	Bonair st.	Pearl st.	Public.	40	690	....
Dane	Somerville ave.	Washington st.	Public.	40	1,270	....
Dane ave.	Dane st.	Leland st.	Private.	30	....	600
Dartmouth	Medford st.	Broadway	Public.	40	1,450	....
Day	Elm st.	Cambridge line	Public.	40	941	....
Delaware	Aldrich st.	Pearl st.	Public.	40	451	....
Dell	Glen st.	Tufts st.	Public.	40	466	....
Derby	Temple st.	Grant st.	Public.	40	831	....
Derby	Grant st	Wheatland st.	Private.	40	....	200
Dexter	Broadway	Medford line	Private.	50	....	25
Dickinson	Springfield st.	Beacon st.	Public.	40	770	....
Dickson	Broadway	Fairmount ave.	Private.	40	....	271
Dimick	Concord ave.	Calvin st.	Public.	40	957	....
Distillhouse	South st.	Cambridge line	Private.	35	....	150
Dix pl.	Linwood st.	Southwesterly	Private.	10	....	100
Dover	Elm st.	Cambridge line	Public.	40	940	....
Downer pl.	Downer st.	B. & L. R. R.	Private.	20	....	125
Downer	Nashua st.	Southeasterly	Private.	20	....	120
Dresden circle	Cutter ave.	Westerly	Private.	30	....	133
Durham	Beacon st.	Hanson st.	Private.	40	....	450
Earle	South st.	Fitchburg R. R.	Private.	30	....	322
East Albion	Mt. Vernon ave.	E. of Moreland st.	Private.	25	....	188
East Albion	E of Moreland st	Medford line	Private.	40	....	490
Eastman pl.	Highland ave.	Southwesterly	Private.	40	....	300
*Edgeworth	Mystic ave.	Melrose st.	Private.	50	....	1,380
Edmands	Broadway	to near Bonair st.	Public.	40	376	....
Edmonton ave.	Cross st.	Winthrop ave.	Private.	40	....	630
Electric ave.	Curtis st.	Packard ave.	Public.	40	681	....
Eliot	Vine st.	Park st.	Public.	40	260	....

* Proposed

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Ellington road	Highland ave.	Northeasterly	Private.	35	....	120
Ellington road	West st.	Northwesterly	Private.	30	....	405
Ellsworth	Cross st.	Rush st.	Public.	40	210	....
Elm ct.	Villa ave.	Northwesterly	Private.	18	....	70
Ellmpl.	Harvard st.	Easterly & west'ly	Private.	30	....	400
Elm	Somerville ave.	Cherry st.	Public.	63	1,590	....
Elm	Cherry st.	White st.	Public.	63 to 60	330	....
Elm	White st.	Banks st.	Public.	60	660	....
Elm	Banks st.	Beech st.	Public.	60 to 77.5	290	....
Elm	Beech st.	Tenney st.	Public.	77.5 to 60	570	....
Elm	Tenney st.	Davis sq.	Public.	60	1,420	....
Elmwood	Holland st.	Cambridge line	Public.	40	1,057	....
Elmwood ter.	Elmwood st.	Easterly	Private.	20	....	190
Elston	Elm st.	Summer st.	Public.	40	396	....
Emerson	Everett st.	Newton st.	Private.	30	....	170
Emery	Fitchburg R. R.	South st.	Private.	30	....	335
Endicott ave.	Broadway	Woodstock st. (Ext'n)	Private.	40	....	800
Essex	Medford st.	Richdale ave.	Public.	40	232	....
Eustis	Beacon st.	Southwest	Private.	30	....	150
Everett ave.	Cross st.	Dana st.	Public.	40	800	....
Everett	Webster ave.	Newton st.	Private.	30	....	350
Evergreen ave.	Marshall st.	Sycamore st.	Public.	40	1,320	....
Evergreen sq.	Porter st.	Southeasterly	Private.	8	....	200
Fairlee	Cherry st.	Northwesterly	Public.	30	144	....
Fairmount ave.	Curtis st.	Northwesterly	Private.	40	....	700
Fairview ter.	Sycamore st.	Southwesterly	Private.	15	....	173
Farragut ave.	Broadway	Woodstock st. (Ext'n)	Private.	40	....	840
Fellsway	Mystic ave.	Medford line	Public.	70 to 130	2,500	....
Fenwick	Broadway	Jaques st.	Public.	40	601	....
Fisk ave.	Hinckley st.	Lowell st.	Private.	20 & 25	....	460
Fitchburg ct.	Fitchburg st.	Southeasterly	Private.	10	....	225
Fitchburg	Linwood st.	B. & L. R. R.	Private.	40	....	400
Flint ave.	Flint st.	Northerly	Private.	40	....	206
Flint	Franklin st.	Aldrich st.	Public.	40	1,773	....
Florence	Washington st.	Perkins st.	Public.	40	1,280	....
Florence ter.	Jaques st.	Southwesterly	Private.	20	....	90
Forest	Beacon st.	Cambridge line	Public.	40	150	....
Forster	Sycamore st.	Central st.	Private.	30	....	430
Fosket	Willow ave.	Liberty ave.	Public.	40	668	....
Fountain ave.	Cross st.	Glen st.	Public.	30	578	....
Francesca ave.	College ave	Liberty ave.	Public.	40	762	....
Francis	Porter st.	Conwell st.	Private.	30	....	180
Franklin ave.	Washington st.	Franklin st.	Private.	20	....	500
Franklin pl.	Franklin st.	Southeasterly	Private.	15	....	100
Franklin	Broadway	Washington st.	Public.	40+	2,230	....
Frederick ave.	Willow ave.	Boston ave.	Private.	40	....	1,217
Fremont ave.	Bowdoin st.	Lincoln pk.	Private.	30	....	235
Fremont	Main st.	Meacham st.	Public.	40	612	....
Fremont	Meacham st.	Near Mystic ave.	Private.	40	....	785
Frost ave.	Somerville ave.	Dane st.	Private.	35	....	550
Garden ct.	Somerville ave.	Fitchburg R. R.	Private.	25	....	370
Garfield ave.	Broadway	Middlesex ave.	Private.	40	....	1,430
Garrison ave.	Broadway	Woodstock st. (Ext'n)	Private.	40	....	850
George	Broadway	Lincoln ave.	Public.	30	275	....
Gibbens	Central st.	Benton road	Public.	40	492	....
Gibbens	Benton rd.	Northwesterly	Private.	40	....	133
Giles pl.	Walnut st.	Northwesterly	Private.	32.71	....	168
Gill's ct.	Franklin st.	Westerly	Private.	10	....	100
Gilman	Cross st.	Walnut st.	Public.	40	1,430	....
Gilman ter.	Pearl st.	Northeasterly	Public.	40	360	....
Gilson ter.	Linden ave.	Northwesterly	Private.	20	....	124
Glen	Broadway	Tufts st.	Public.	40	2,300	....
Glendale ave.	Cameron ave.	Yorktown st.	Private.	40	....	410
Glover circle	Meacham road	Southeasterly	Private.	20	....	110

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Gorham	Holland st.	Howard st	Public.	40	763	....
Gould ave.	Porter st.	Southeasterly	Private.	16	....	156
Gove ct.	Cedar st.	Southeasterly	Private.	15	....	145
Grand View ave.	Walnut st.	Vinal ave.	Public.	40	470	....
Granite	Somerville ave.	Osgood st.	Private.	40	....	400
Grant	Broadway	Jaques st.	Public.	40	536	....
Grant	Jaques st.	Mystic ave.	Private.	40	....	814
Greene	Summer st.	Laurel st.	Public.	40	555	....
Greenville	Medford st.	Munroe st.	Public.	40	660	....
Greenwood ter.	Beacon st.	Northeasterly	Private	25	....	165
Grove	Elm st.	Morrison ave.	Public.	40	985	....
Hadley ct.	Franklin st.	Westerly	Private.	20	....	150
Hall ave.	College ave.	Liberty ave.	Public.	40	926	....
Hall	Cedar st.	Cherry st.	Public.	30	456	....
Hamlet	Highland ave.	Southwesterly	Private.	30	....	400
Hammond	Dickinson st.	Concord ave.	Public.	40	267	....
Hancock	Elm st.	Highland ave.	Public.	40	1,302	....
Hancock	Highland ave.	Lexington ave.	Public.	50	376	....
Hanson ave.	Hanson st.	Easterly	Private.	30	....	252
Hanson	Washington st.	Vine st.	Private.	35	....	750
Harding	South st.	Cambridge line	Private.	30	....	115
Harris	Beacon st.	Cambridge line	Private.	35	....	150
Harrison	Ivaloo st.	Kent st.	Public.	40	644	....
Harrison	Elmwood st.	Easterly	Private.	40	....	210
Harvard pl.	Harvard st.	Westerly	Private.	35	....	200
Harvard	Summer st.	Beech st.	Public.	40	650	....
Hathorn	Broadway	Arlington st.	Public.	40	330	....
Hawkins	Somerville ave.	Washington st.	Public.	40	330	....
Hawthorne	Willow ave	Cutter ave.	Private.	30	....	810
Hayden ter.	Linden ave.	Easterly	Private	20	....	120
Heath	Temple st.	Bond st.	Public.	45	1,043	....
Heath	Bond st.	Moreland st.	Private.	40	....	750
Henderson	Richardson st.	B. & L. R. R.	Private.	20	....	535
Hennessy ct.	Medford st.	Fisk ave.	Private.	20	....	250
Henry ave.	Highland ave.	Lexington ave.	Public.	40	290	....
Herbert	Chester st.	Day st.	Public.	40	360	....
Hersey	Berkeley st.	Oxford st.	Private.	40	....	230
Highland ave.	Medford st.	Davis sq.	Public.	60	9,100	....
Highland rd.	Morrison ave.	Boston ave.	Private.	70	....	1,500
Hill	Broadway	Fairmount ave.	Private.	40	....	236
Hillside ave.	Pearl st.	Southwesterly	Private.	30	....	150
Hillside pk.	Walnut st.	Northwesterly	Private.	40	....	245
Hinckley	Broadway	Lawrence st.	Private.	30	....	430
Hodgdon pl.	Dane ave.	Northeasterly	Private.	about 20	....	150
Holland	Davis sq.	Broadway	Public.	60	2,656	....
Holt's ave.	Oak st.	Southeasterly	Private.	10	....	100
Holyoke road	Elm st.	Elm st.	Private.	40	....	640
Homer sq.	Bonner ave.	Northwesterly	Public.	30+	200	....
Horace	South st.	Fitchburg R. R.	Private.	30	....	510
Houghton	Springfield st.	Cambridge line.	Public.	40	653	....
Howard	Thorndike st.	Gorham street	Private.	40	....	430
Howard	Whipple st.	Willow ave.	Private.	30	....	255
Howe	Marshall st.	School st.	Public.	40	445	....
Hudson	Central st.	Cedar st.	Public.	40	2,760	....
Hunting	South st.	Cambridge line	Private.	30	....	125
Ibbetson	Somerville ave.	Lowell st.	Public.	40	802	....
Irving	Holland st.	Broadway	Public	40	1,180	....
Ivaloo	Beacon st.	Park st.	Public.	40	650	....
James	Pearl st.	Veazie st.	Public.	40	320	....
Jaques	Chauncey ave.	Temple st.	Public.	40	1,200	....
Jaques	Temple st.	Bond st	Public.	45	1,050	....
Jasper pl.	Jasper st.	Walnut st.	Private.	20	....	225
Jasper	Pearl st.	Gilman st.	Private.	40	....	300
Jay	Holland st.	Howard st.	Public.	40	534	....

Table Showing the Location, Length and Width of Public and Private Streets.—Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Jenny Lind ave.	Vernon st.	Broadway	Public.	40	1,507	....
Jerome ct.	Sycamore st.	Jerome st.	Private.	10	...	150
Jerome	Montrose st.	Jerome ct.	Private.	20	....	125
Joseph	Newton st.	Lincoln parkway	Public.	40	458	....
Josephine ave.	Morrison ave.	Broadway	Private.	45	....	1,715
Joy	Washington st.	Poplar st.	Public.	30	1,121	....
Joy St. pl.	Joy st.	Southwesterly	Private.	30	....	175
Kenneson road	Broadway	Southwesterly	Private.	30	....	270
Kensington ave.	Broadway	Blakeley ave.	Public.	40	455	....
*Kensington ave	Blakeley ave.	Middlesex ave.	Private.	40	....	1,150
Kent ct.	Kent st.	Northerly	Private.	about 25	....	420
Kent	Somerville ave.	Fitchburg R. R.	Public.	40	292	....
Kent	Fitchburg R. R.	Beacon st.	Public.	25	386	....
Kenwood	College ave.	Billingham st.	Public.	40	322	....
Kidder ave.	College ave.	Liberty ave.	Public.	40	625	....
Kidder ave.	Liberty ave.	Willow ave.	Private.	40	....	655
Kilby	Somerville ave.	Southwesterly	Private.	20	....	180
Kimball	Lowell st.	Craigie st.	Private.	40	....	303
Kingman ct.	Washington st.	Fitchburg R. R.	Private.	25	....	400
Kingston	Meacham road	Cambridge line	Public.	40	647	....
Knapp	School st.	Granite st.	Public.	40	379	....
Knowlton	Oliver st.	Tufts st.	Private.	40	....	925
Lake	Hawkins st.	Church st.	Public.	40	860	....
Lamson ct.	Linwood st.	Poplar st.	Private.	20	....	370
Landers	School st.	Westerly	Private.	40	....	280
Laurel ave.	Laurel st.	Northwesterly	Private.	18	....	125
Laurel	Somerville ave.	Summer st.	Public.	40	940	....
Lawrence	Hinckley st.	B. & L. R. R.	Private.	35	....	650
Lawrence	Boston ave.	Southwesterly	Private.	35	....	710
Lawson ter.	Putnam st.	Easterly	Private.	5	....	200
Lee	Medford st.	Richdale ave.	Public.	40	385	....
Leland	Washington st.	Dane ave.	Private.	40	....	250
Leon	Concord ave.	Dickinson st.	Public.	40	155	....
Leonard pl.	Joy st.	Northeasterly	Private.	13+	....	98
Lesley ave.	Highland ave.	Lexington ave.	Public.	40	333	....
Leslie pl.	Highland ave.	Northerly	Private.	12	....	75
Lester ter.	Meacham road	Northwesterly	Private.	20	....	190
Lexington ave.	Willow ave.	Hancock st.	Private.	50	....	630
*Lexington ave.	Hancock st.	Cedar st.	Private.	50	....	730
Liberty ave.	Hall ave.	Broadway	Public.	40	1,395	....
Liberty ave.	Hall ave.	Appleton st.	Private.	40	....	100
Lincoln ave.	Lincoln st.	Mt. Vernon st.	Public.	40	478	....
Lincoln parkway	Washington st.	Perry st.	Public.	40	1,520	....
Lincoln pl.	Lincoln ave.	Northerly	Private.	9	....	120
Lincoln	Broadway.	Perkins st.	Public.	40	550	....
Linden ave.	Elm st.	Summer st.	Public.	45	1,050	....
Linden ave.	Summer st.	Northeasterly	Private.	45	....	250
Linden circle	Linden ave.	Southeasterly	Private.	24	....	120
Linden pl.	Linden ave	Northwesterly	Private.	20	....	160
Linden	Somerville ave.	Fitchburg R. R.	Private.	30	....	705
Line	Washington st.	Cambridge line	Public.	30	1,727	....
Linehan ct.	Linwood st.	Chestnut st.	Private.	about 15	....	200
Linwood pl.	Linwood st.	Southwesterly	Private.	about 12	....	150
Linwood	Somerville ave.	Washington st.	Public.	50	2,050	....
London	Linwood st.	B. & L. R. R.	Private.	40	....	340
Loring	Somerville ave.	Northeasterly	Private.	40	....	400
Louisburg pl.	Autumn st.	Easterly	Private.	13	....	90
Lovell	Broadway	Electric ave.	Private.	40	....	385
Lowden ave.	Broadway	Fosket st.	Private.	40	....	1,205
Lowell	Somerville ave.	Summer st.	Public.	36	1,259	....
Lowell	Summer st.	Crown st.	Private.	33+	....	349
Lowell	Crown st.	Albion st.	Public.	40	972	....
Lowell	Albion st.	L. & A. Br'ch R. R.	Private.	40	....	540
Lowell	B. & L. R. R.	Vernon st.	Private.	33+	....	60

* Proposed.

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Lowell	Vernon st.	Medford st.	Public.	40	1,141	....
Lowell ter.	Lowell st.	Northwesterly	Private.	20	....	150
Madison	School st.	Sycamore st.	Public.	40	891	....
Main	Broadway	Medford line	Public.	50	950	....
*Malden	Mystic ave.	Melrose st.	Private.	50	....	1,360
Mallet	Willow ave.	Liberty ave.	Private.	40	....	580
Malloy ct.	Somerville ave.	Merriam st.	Private.	30	...	255
Malvern ave.	Cameron ave.	Yorktown st.	Private.	40	....	410
Manila road	Beacon st.	Sacramento st.	Private.	40	....	406
Mansfie'd	Somerville ave.	Washington st.	Public.	40	735	....
Maple ave.	School st.	Southeasterly	Private.	40	....	300
Maple pl.	Marshall st.	Maple ave.	Private.	5	....	125
Maple	Poplar st.	Medford st.	Public.	30	699	....
Marion	Concord ave.	Wyatt st. N'w'ly	Public.	40	705	....
Marshall	Broadway	Pearl st.	Public.	40	1,650	....
May pl.	Hawkins st.	Easterly	Private.	12	....	100
McCulphe pl	Medford st.	Easterly	Private.	10	....	110
McGregor ave.	Wigglesworth st.	Walnut st.	Private.	about 10	....	250
Meacham road	Dover st.	Cambridge line	Public.	40	1,060	....
Meacham *	Mt. Vernon ave.	Medford line	Private.	40	....	800
Mead	Cameron ave.	Moore st.	Private.	40	....	340
Medford	Cambridge line	Central st.	Public.	50	8,150	....
Medford	Central st.	Broadway	Public.	55	1,950	....
Melburn pl.	Summer st.	Northeasterly	Private.	30	....	125
Melledew ct.	Belmont st.	Easterly	Private.	15	....	137
Melrose	Mystic ave.	Middlesex ave.	Private.	50	....	2,310
Melvin	Broadway	Bonair st.	Public.	40	487	....
Merriam ave.	Merriam st.	Malloy ct.	Private.	15	....	255
Merriam	Somerville ave.	Charlestown st.	Private.	30	....	500
Middlesex ave.	Mystic ave.	Fellsway	Public.	60	2,250	....
Milk pl.	Somerville ave.	Southwesterly	Private.	about 30	....	100
Miller	Sacramento st.	Beacon st.	Private.	33	....	465
Milton	Orchard st.	Cambridge line	Private.	35	....	220
Miner	Vernon st.	Ames st.	Public.	40	244	....
Mondamin ct.	Ivaloo st.	Harrison st.	Private.	25	....	250
Monmouth	Central st.	Westerly	Public.	40	267	..
Monmouth	End of above	Harvard st.	Private.	35	....	200
Montgomery ave.	Broadway	Wellington ave.	Public.	40	265	.. .
Montrose ct.	Montrose st.	B. & L. R. R.	Private.	12	. ..	110
Montrose	School st.	Sycamore st.	Public.	40	886	....
Moore	Holland st.	Mead st.	Public.	40	695	....
Moreland	Main st.	Mystic ave.	Private.	40	....	1,513
Morgan	Beacon st.	Park st.	Public.	40	350	....
Morrison ave.	Cedar st.	Willow ave.	Public.	50	1,366	....
Morrison ave.	Willow ave.	College ave.	Public.	40	1,700	....
Morrison pl.	Morrison ave.	Northerly	Private.	20	....	190
Morrison pl.	Morrison pl.	Easterly	Private.	15	....	175
Mortimer pl.	Marshall st.	Walter st.	Private.	20	....	280
Morton	Glen st.	Knowlton st.	Public.	40	287	....
Mossland	Somerville ave.	Elm st.	Public.	40	350	....
Mountain ave.	Linden ave.	Porter st.	Private.	22	....	310
Mousal pl.	North Union st.	B. & M. R. R.	Private.	20	....	200
Mt. Pleasant ct.	Perkins st.	Southwesterly	Private.	40	....	260
Mt. Pleasant	Broadway	Perkins st.	Public.	33	570	....
Mt. Vernon ave.	Main st.	Meacham st.	Private.	50	....	800
Mt. Vernon	Washington st.	Pearl st.	Public.	40	600	....
Mt. Vernon	Pearl st.	Perkins st.	Public.	50	450	....
Mt. Vernon	Perkins st.	Broadway	Public.	40	600	....
Munroe	Walnut st.	Easterly	Public.	40	375	....
Munroe	End of above	Boston st.	Public.	50	1,214	....
Murdock	Cedar st.	Clyde st.	Private.	30	....	900
Murray	Washington st.	Southerly	Private.	30	....	250
Museum	Beacon st.	Cambridge line	Public.	40	164	....
Myrtle ct.	Myrtle st.	Easterly	Private.	10	....	100
Myrtle pl.	Myrtle st.	Westerly	Private.	20+	....	120
Myrtle	Washington st.	Perkins st.	Public.	40	1,400	....
Mystic ave.	Charlestown line	Union st.	Public.	60	350	....

* Proposed.

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Mystic ave.	Union st.	Medford line	Public.	66	6,900	....
Mystic	Washington st.	Somerville ave.	Public.	40	360	....
Mystic	Benedict st.	Mystic ave.	Private.	40	....	330
Nashua	Richardson st.	B. & L. R. R.	Private.	35	....	640
Nevada ave.	Village st.	Hanson st.	Private.	20	....	200
Newberne	Appleton st.	Morrison ave.	Public.	40	200	....
Newberne	Morrison ave.	B. & L. R. R.	Private.	40	....	173
Newbury	Holland st.	Cambridge line	Public.	40	1,250	...
Newman pl.	Cedar st.	Southeasterly	Private.	15	....	100
Newton pl.	Newton st.	Easterly	Private.	about 10	....	100
Newton	Prospect st.	Webster ave.	Public.	25	470	....
Newton	Webster ave.	Concord ave.	Public.	40+	650	....
Norfolk	Webster ave.	Cambridge line	Public.	40	200	....
North	Broadway	Medford line	Public.	40	2,550	....
North Union	Mystic ave.	Northeasterly	Private.	30	....	600
Norton	Nashua st.	Southeasterly	Private.	20	....	200
Norwood ave.	Broadway	Medford st.	Public.	40	350	....
Oak	Prospect st.	Angle	Public.	40	670	....
Oak	Angle	Cambridge line	Public.	30	563	....
Oak St. pl.	Oak st.	Northerly	Private.	4	....	85
Oakland ave.	Marshall st.	School st.	Public.	40	440	....
Olive ave.	Linden ave.	Southeasterly	Private.	25	....	155
Olive sq.	Lake st.	Southerly	Private.	about 15	....	100
Oliver	Franklin st.	Cross st.	Public.	40	1,050	....
Orchard	Cambridge line	Meacham road	Public.	40	1,625	....
Osgood	Granite st.	Easterly & west'ly	Private.	40	....	450
Otis	Cross st.	Wigglesworth st.	Public.	40	1,200	....
Oxford	School st.	Central st.	Public.	35	1,361	.. .
Oxford	Beacon st.	Cambridge line	Public.	50	100	....
Packard ave.	Broadway	Medford line	Private.	60	....	2,000
Palmer ave.	Franklin st.	Northwesterly	Private.	20	....	200
Park ave.	College ave.	Wallace st.	Public.	40	450	....
Park pl.	Laurel st.	Easterly	Private.	30	....	220
Park pl.	Park pl.	Northeasterly	Private.	20	....	150
Park	Somerville ave.	Beacon st.	Public.	50	1,300	....
Parker pl.	Porter st.	Northwesterly	Private.	20	....	150
Parker	Washington st.	Fremont ave.	Private.	35	....	200
Partridge ave.	Vernon st.	Broadway	Public.	40	1,457	....
Patten ct.	Cutter st.	Southeasterly	Private.	8	....	100
Paulina	Broadway	Holland st.	Private.	40	....	775
Pearl	Crescent st.	Mt. Vernon st.	Public.	40	300	....
Pearl	Mt. Vernon st.	Franklin st.	Public.	50	950	....
Pearl	Franklin st.	Cross st.	Public.	40	1,025	....
Pearl	Cross st.	Medford st.	Public.	50	2,475	....
Pearl St. pl.	Pearl st.	Northeasterly	Private.	20	....	200
Pearl ter.	Pearl st.	Northerly	Private.	23	....	161
Pearson ave.	Morrison ave.	Boston ave.	Private.	45	....	1,300
Pearson road	Broadway	Professors row	Private.	40	....	1,654
Pembroke ct.	Pembroke st.	Southwesterly	Private.	25	....	130
Pembroke	Central st.	Sycamore st.	Public.	40	430	....
Perkins pl.	Perkins st.	Northeasterly	Private.	20	....	200
Perkins	Franklin st.	Charlestown line	Public.	40	1,350	....
Perry	Washington st.	Lincoln parkway	Public.	40	606	....
Peterson ter.	Porter st.	Northwesterly	Private.	13+	....	155
Pinckney pl.	Pinckney st.	Southeasterly	Private.	24	....	125
Pinckney	Washington st.	Perkins st.	Public.	40	1,170	....
Pitman	Beech st.	Spring st.	Private.	30	....	380
Pitman	Spring st.	Belmont st.	Private.	26	....	390
Pleasant ave.	Walnut st.	Vinal ave.	Public.	40	470	....
Poplar ct.	Poplar st.	Southeasterly	Private.	10	....	80
Poplar	Somerville ave.	Linwood st.	Public.	30	351	....
Poplar	Linwood st.	Joy st.	Public.	35	315	...
Poplar	Joy st.	B. & L. R. R.	Private.	35	....	65
Porter ave.	Porter st.	Northwesterly	Private.	20	....	220

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Lowell	Vernon st.	Medford st.	Public.	40	1,141	....
Lowell ter.	Lowell st.	Northwesterly	Private.	20	....	150
Madison	School st.	Sycamore st.	Public.	40	891	....
Main	Broadway	Medford line	Public.	50	950	....
*Malden	Mystic ave.	Melrose st.	Private.	50	....	1,360
Mallet	Willow ave.	Liberty ave.	Private.	40	....	580
Malloy ct.	Somerville ave.	Merriam st.	Private.	30	...	255
Malvern ave.	Cameron ave.	Yorktown st.	Private.	40	....	410
Manila road	Beacon st.	Sacramento st.	Private.	40	....	408
Mansfie'd	Somerville ave.	Washington st.	Public.	40	735	....
Maple ave.	School st.	Southeasterly	Private.	40	....	300
Maple pl.	Marshall st.	Maple ave.	Private.	5	....	125
Maple	Poplar st.	Medford st.	Public.	30	699	....
Marion	Concord ave.	Wyatt st. N'w'ly	Public.	40	705	....
Marshall	Broadway	Pearl st.	Public.	40	1,650	....
May pl.	Hawkins st.	Easterly	Private.	12	....	100
McCulphe pl.	Medford st.	Easterly	Private.	10	....	110
McGregor ave.	Wigglesworth st.	Walnut st.	Private.	about 10	....	250
Meacham road	Dover st.	Cambridge line	Public.	40	1,060	....
Meacham *	Mt. Vernon ave.	Medford line	Private.	40	....	800
Mead	Cameron ave.	Moore st.	Private.	40	....	340
Medford	Cambridge line	Central st.	Public.	50	8,150	....
Medford	Central st.	Broadway	Public.	55	1,950	....
Melburn pl.	Summer st.	Northeasterly	Private.	30	....	125
Melledew ct.	Belmont st.	Easterly	Private.	15	....	137
Melrose	Mystic ave.	Middlesex ave.	Private.	50	....	2,310
Melvin	Broadway	Bonair st.	Public.	40	487	....
Merriam ave.	Merriam st.	Malloy ct.	Private.	15	....	255
Merriam	Somerville ave.	Charlestown st.	Private.	30	....	500
Middlesex ave.	Mystic ave.	Fellsway	Public.	60	2,250	....
Milk pl.	Somerville ave.	Southwesterly	Private.	about 30	....	100
Miller	Sacramento st.	Beacon st.	Private.	33	....	465
Milton	Orchard st.	Cambridge line	Private.	35	....	220
Miner	Vernon st.	Ames st.	Public.	40	244	....
Mondamin ct.	Ivaloo st.	Harrison st.	Private.	25	....	250
Monmouth	Central st.	Westerly	Public.	40	267	....
Monmouth	End of above	Harvard st.	Private.	35	....	200
Montgomery ave.	Broadway	Wellington ave.	Public.	40	265	....
Montrose ct.	Montrose st.	B. & L. R. R.	Private.	12	....	110
Montrose	School st.	Sycamore st.	Public.	40	886	....
Moore	Holland st.	Mead st.	Public.	40	695	....
Moreland	Main st.	Mystic ave.	Private.	40	....	1,513
Morgan	Beacon st.	Park st.	Public.	40	350	....
Morrison ave.	Cedar st.	Willow ave.	Public.	50	1,366	....
Morrison ave.	Willow ave.	College ave.	Public.	40	1,700	....
Morrison pl.	Morrison ave.	Northerly	Private.	20	....	190
Morrison pl.	Morrison pl.	Easterly	Private.	15	....	175
Mortimer pl.	Marshall st.	Walter st.	Private.	20	....	280
Morton	Glen st.	Knowlton st.	Public.	40	287	....
Mossland	Somerville ave.	Elm st.	Public.	40	350	....
Mountain ave.	Linden ave.	Porter st.	Private.	22	....	310
Mousal pl.	North Union st.	B. & M. R. R.	Private.	20	....	200
Mt. Pleasant ct.	Perkins st.	Southwesterly	Private.	40	....	260
Mt. Pleasant	Broadway	Perkins st.	Public.	33	570	....
Mt. Vernon ave.	Main st.	Meacham st.	Private.	50	....	800
Mt. Vernon	Washington st.	Pearl st.	Public.	40	600	....
Mt. Vernon	Pearl st.	Perkins st.	Public.	50	450	....
Mt. Vernon	Perkins st.	Broadway	Public.	40	600	....
Munroe	Walnut st.	Easterly	Public.	40	375	....
Munroe	End of above	Boston st.	Public.	50	1,214	....
Murdock	Cedar st.	Clyde st.	Private.	30	....	900
Murray	Washington st.	Southerly	Private.	30	....	250
Museum	Beacon st.	Cambridge line	Public.	40	164	....
Myrtle ct.	Myrtle st.	Easterly	Private.	10	....	100
Myrtle pl.	Myrtle st.	Westerly	Private.	20+	....	120
Myrtle	Washington st.	Perkins st.	Public.	40	1,400	....
Mystic ave.	Charlestown line	Union st.	Public.	60	350	....

* Proposed.

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Mystic ave.	Union st.	Medford line	Public.	66	6,900	....
Mystic	Washington st.	Somerville ave.	Public.	40	360	....
Mystic	Benedict st.	Mystic ave.	Private.	40	....	330
Nashua	Richardson st.	B. & L. R. R.	Private.	35	....	640
Nevada ave.	Village st.	Hanson st.	Private.	20	....	200
Newberne	Appleton st.	Morrison ave.	Public.	40	200	....
Newberne	Morrison ave.	B. & L. R. R.	Private.	40	....	173
Newbury	Holland st.	Cambridge line	Public.	40	1,250	...
Newman pl.	Cedar st.	Southeasterly	Private.	15	....	100
Newton pl.	Newton st.	Easterly	Private.	about 10	....	100
Newton	Prospect st.	Webster ave.	Public.	25	470	....
Newton	Webster ave.	Concord ave.	Public.	40+	650	....
Norfolk	Webster ave.	Cambridge line	Public.	40	200	....
North	Broadway	Medford line	Public.	40	2,550	....
North Union	Mystic ave.	Northeasterly	Private.	30	....	600
Norton	Nashua st.	Southeasterly	Private.	20	....	200
Norwood ave.	Broadway	Medford st.	Public.	40	350	....
Oak	Prospect st.	Angle	Public.	40	670	....
Oak	Angle	Cambridge line	Public.	30	563	....
Oak St. pl.	Oak st.	Northerly	Private.	4	....	85
Oakland ave.	Marshall st.	School st.	Public.	40	440	....
Olive ave.	Linden ave.	Southeasterly	Private.	25	....	155
Olive sq.	Lake st.	Southerly	Private.	about 15	....	100
Oliver	Franklin st.	Cross st.	Public.	40	1,050	....
Orchard	Cambridge line	Meacham road	Public.	40	1,625	....
Osgood	Granite st.	Easterly & west'ly	Private.	40	....	450
Otis	Cross st.	Wigglesworth st.	Public.	40	1,200	....
Oxford	School st.	Central st.	Public.	35	1,361	....
Oxford	Beacon st.	Cambridge line	Public.	50	100	....
Packard ave.	Broadway	Medford line	Private.	60	....	2,000
Palmer ave.	Franklin st.	Northwesterly	Private.	20	....	200
Park ave.	College ave.	Wallace st.	Public.	40	450	....
Park pl.	Laurel st.	Easterly	Private.	30	....	220
Park pl.	Park pl.	Northeasterly	Private.	20	....	150
Park	Somerville ave.	Beacon st.	Public.	50	1,300	....
Parker pl.	Porter st.	Northwesterly	Private.	20	....	150
Parker	Washington st.	Fremont ave.	Private.	35	....	200
Partridge ave.	Vernon st.	Broadway	Public.	40	1,457	....
Patten ct.	Cutter st.	Southeasterly	Private.	8	....	100
Paulina	Broadway	Holland st.	Private.	40	....	775
Pearl	Crescent st.	Mt Vernon st.	Public.	40	300	....
Pearl	Mt. Vernon st.	Franklin st.	Public.	50	950	....
Pearl	Franklin st.	Cross st.	Public.	40	1,025	....
Pearl	Cross st.	Medford st.	Public.	50	2,475	....
Pearl St. pl.	Pearl st.	Northeasterly	Private.	20	....	200
Pearl ter.	Pearl st.	Northerly	Private.	23	....	161
Pearson ave.	Morrison ave.	Boston ave.	Private.	45	....	1,300
Pearson road	Broadway	Professors row	Private.	40	....	1,654
Pembroke ct.	Pembroke st.	Southwesterly	Private.	25	....	130
Pembroke	Central st.	Sycamore st.	Public.	40	430	....
Perkins pl.	Perkins st.	Northeasterly	Private.	20	....	200
Perkins	Franklin st.	Charlestown line	Public.	40	1,350	....
Perry	Washington st.	Lincoln parkway	Public.	40	606	....
Peterson ter.	Porter st.	Northwesterly	Private.	13+	....	155
Pinckney pl.	Pinckney st.	Southeasterly	Private.	24	....	125
Pinckney	Washington st.	Perkins st.	Public.	40	1,170	....
Pitman	Beech st.	Spring st.	Private.	30	....	380
Pitman	Spring st.	Belmont st.	Private.	26	....	390
Pleasant ave.	Walnut st.	Vinal ave.	Public.	40	470	....
Poplar ct.	Poplar st.	Southeasterly	Private.	10	....	80
Poplar	Somerville ave.	Linwood st.	Public.	30	351	....
Poplar	Linwood st.	Joy st.	Public.	35	315	...
Poplar	Joy st.	B. & L. R. R.	Private.	35	....	65
Porter ave.	Porter st.	Northwesterly	Private.	20	....	220

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Porter pl.	Porter st.	Northwesterly	Private.	20	....	195
Porter	Elm st.	Mountain ave.	Public.	45	1,530	....
Porter	Mountain ave.	Highland ave.	Public.	40	425	....
Powder house boulevard	Powder house square	Northwesterly, Mystic river and Medford line	Public.	80	7,200	....
Powder house ter.	Kidder ave.	Liberty ave.	Public.	40	585	....
Prescott	Summer st.	Highland ave.	Public.	50	1,050	....
Preston road	School st.	Summer st.	Public.	40	800	....
Princeton	Alpine st.	Lowell st.	Private.	40	657	....
Princeton	Lowell st.	Centre st.	Public.	40	....	540
Pritchard ave.	Morrison ave.	Boston ave.	Private.	40	....	1,145
Professors row	Boston ave.	College ave.	Private.	50	....	460
Professors row	College ave.	Curtis st.	Public.	40	2,000	....
Prospect	Washington st.	Cambridge line	Public.	50	2,050	....
Prospect Hill av.	Medford st.	Munroe st.	Public.	40	450	....
Prospect Hill p'k'y	Munroe st.	Stone ave.	Public.	40	400	....
Prospect pl.	Prospect st.	E. Newton st.	Private.	20	....	130
Putnam	Summer st.	Highland ave.	Public.	50	1,240	....
Quincy	Somerville ave.	Summer st.	Public.	40	700	....
Randolph pl.	Cross st.	Westerly	Private.	15	....	244
Raymond ave.	Curtis st.	North st.	Public.	40	1,345	....
Record's pl.	Broadway	Southwesterly	Private.	10	....	110
Reed's ct.	Oliver st.	Southwesterly	Private.	20	....	105
Remick ct.	Cutter st.	Southeasterly	Private.	10	....	100
Richardson	Lowell st.	Lawrence st.	Private.	35	....	480
Richardson ter.	Richardson st.	Northeasterly	Private.	20	....	135
Richdale ave.	School st.	Sycamore st.	Public.	40	875	....
Richmond hi'h'ds	Madison st.	Southerly	Private.	30	....	150
Roberts	Lawrence st.	Northwesterly	Private.	20	....	170
Robinson	Central st.	Bartlett st.	Public.	40	582	....
Rogers ave.	Morrison ave.	Boston ave.	Public.	40	1,682	....
Roland st.	Waverly st.	Boston line	Private.	40	....	100
Roseland	Beacon st.	Cambridge line	Public.	40	100	....
Rossmore	Somerville ave.	Washington st.	Public.	40	534	....
Royce pl.	Bonair st.	Northeasterly	Private.	15+	....	175
Rush	Broadway	Flint st.	Public.	40	1,400	....
Russell road	Broadway	North st.	Private.	40	....	1,193
Russell	Elm st.	Cambridge line	Public.	40	700	....
Sacramento	Somerville ave.	Fitchburg R. R.	Public.	40	80	....
Sacramento	Fitchburg R. R.	Beacon st.	Public.	40	290	....
Sacramento	Beacon st.	Cambridge line	Private.	40	....	156
Sanborn ave.	Warren ave.	Walnut st.	Public.	40	280	....
Sargent ave.	Broadway	Walnut st.	Public.	40	1,082	....
Sartwell ave.	Cedar st.	Cherry st.	Private.	35	....	400
Sawyer ave.	Packard ave.	Curtis st.	Private.	40	....	690
School	Somerville ave.	Highland ave.	Public.	40	1,870	....
School	Highland ave.	Broadway	Public.	50	2,500	....
Sellon pl.	Marshall st.	Northwesterly	Private.	12	....	120
Seven Pines ave	Cameron ave.	Cambridge line	Private.	40	....	80
Sewall ct.	Sewall st.	Southwesterly	Private.	25	....	190
Sewall	Grant st.	Temple st.	Public.	40	615	....
Shawmut pl.	Shawmut st.	Alston st.	Private.	30	....	200
Shawmut	Washington st.	Cross st.	Public.	40	550	....
Shedd	Somerville ave.	Merriam ave.	Private.	40	....	310
Sherman ct.	Sargent ave.	Marshall st.	Private.	10	....	250
Sherman	Somerville ave.	Frost ave.	Private.	35	....	270
Sibley ct.	Cutter st.	Northwesterly	Private.	10	....	100
Sibley pl.	Cutter st.	Northwesterly	Private.	10	....	100
Simpson ave.	Broadway	Holland st.	Private.	40	....	825
Skehan	Dane st.	Durham st.	Private.	30	....	720
Skilton ave.	Pearl st.	Pearl st.	Private.	40	....	540
Smith ave.	Beacon st.	Line st.	Private.	25+	....	200
Snow pl.	Belmont st.	Easterly	Private.	30	....	75
Snow pl.	Snow pl.	N'th'ly and S'th'ly	Private.	20	....	222

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Snow ter.	Jaques st.	Southwesterly	Private.	16	....	120
Somerville ave.	E. Camb. line	Union sq.	Public.	75	4,300	....
Somerville ave.	Union sq.	N. Camb. line	Public.	70	6,800	....
South	Medford st.	Water st.	Public.	30	989	....
Spencer ave.	Cedar st.	Hancock st.	Public.	40	727	....
Spring ct.	Somerville ave.	Westerly	Private.	20	....	200
Spring	Somerville ave.	Summer st.	Public.	40	1,200	....
Springfield	Concord ave.	Cambridge line	Public.	40	800	....
Spring Hill ter.	Highland ave.	Belmont st.	Private.	20	....	670
Stanford ter.	Beacon st.	Northeasterly	Private.	20	....	200
Stickney ave.	Marshall st.	School st.	Public.	40	458	....
St. James ave.	Elm st.	Summer st.	Public.	40	488	....
Stone ave.	Union sq.	Columbus ave.	Public.	40	676	....
Stone ave.	Columbus ave.	Prospect Hill p'k'y	Public.	38	107	....
Stone pl.	Stone ave.	Southeasterly	Private.	30	....	145
Summer	Bow st.	Elm st.	Public.	45	7,700	....
Summit ave.	Walnut st.	Vinal ave.	Public.	45	470	....
Summit	College ave.	Billingham st.	Public.	40	262	....
Sumner	Lawrence st.	Northwesterly	Private.	20	....	175
Sunnyside ave.	Walnut st.	Wigglesworth st.	Private.	35	....	250
Sycamore	Broadway	Medford st.	Public.	45	1,250	...
Sycamore	Medford st.	B. & L. R R.	Public.	40	582	....
Sycamore	B. & L. R. R.	Highland ave.	Public.	35	660	....
Sydney	Grant st.	Temple st.	Public.	40	679	....
Talbot ave.	Packard ave.	College ave.	Private.	50	....	1,409
* Tannery (Ext'n)	Cambridge line	Woodstock st.(Ext'n)	Private.	40	....	160
Taunton.	Wyatt st.	Easterly to angle	Private.	30	....	170
Taunton	Angle	Marion st.	Private.	20	....	95
Taylor pl.	Somerville ave.	Southerly	Private.	15	....	200
Taylor	Mystic ave.	Sydney st.	Private.	40	....	310
Teele	Packard ave.	Curtis st.	Private.	40	....	685
Temple	Broadway	Mystic ave.	Public.	66	1,540	....
Tenney ct.	Mystic ave.	Northeasterly	Private.	30	....	400
Tennyson	Forster st.	Pembroke st.	Public.	40	869	....
Thorndike	Holland st.	Arl'ngt'n Br. R. R.	Public.	40	465	....
Thorndike	Arl'gt'n Br. R.R.	Kingston st.	Public.	40	115	....
Thorpe pl.	Highland ave.	Southwesterly	Private.	30	....	450
Thurston	Broadway	Richdale ave.	Public.	40	1,660	....
Tower ct.	Tyler st.	Northeasterly	Private.	25	....	150
Tower	Crown st.	Highland ave.	Public.	40	559	....
Tremont pl.	Tremont st.	Southeasterly	Private.	about 10	....	75
Tremont	Webster ave.	Cambridge line	Public.	40	589	....
Trull	Vernon st.	Medford st.	Public.	40	1,050	....
Trull lane	Highland ave.	Oxford st.	Private.	15	....	200
Tube Works ct.	Somerville ave.	Southwesterly	Private.	20	....	150
Tufts parkway	College ave.	College ave.	Public.	22	900	....
Tufts	Washington st.	Cross st.	Public.	40	940	....
Tyler	Vine st.	Dane st.	Public.	40	404	....
Unnamed st.	Ware st.	Powder h'se blvd.	Private.	20-40	....	283
Unnamed st. (Highway and Water Dept. grounds)	Broadway	Cedar st.	Private.	45	....	980
Union	Broadway	Mystic ave.	Public.	40	330	....
Union pl.	Linwood st.	Southwesterly	Private.	10	....	100
Upland Park	Main st.	Southwesterly	Private.	20	....	175
Veazie	Walnut st.	Bradley st.	Public.	35	392	....
Veazie	Bradley st.	Northwesterly	Private.	40	....	90
Vernon	Central st.	Jenny Lind ave.	Public.	40	740	....
Vernon	Jenny Lind ave.	Lowell st.	Private.	30	....	600
Victoria	Broadway	Cambridge line	Private.	40	....	1,036
Villa ave.	Winslow ave.	Arlington Br. R. R.	Private.	35	....	200

* Proposed.

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Village	Dane st.	Vine st.	Private.	25	....	370
Vinal ave.	Summer st.	Highland ave.	Public.	45	1,400	....
Vinal	Richardson st.	Northeasterly	Private.	20	....	200
Vine ct.	Vine st.	Northwesterly	Private.	25	....	140
Vine	Somerville ave.	Hanson st.	Private.	40	....	780
Vine	Hanson st.	Beacon st.	Private.	25	....	650
Virginia	Aldrich st.	Jasper st.	Public.	40	405	....
Wade ct.	Cedar st.	Westerly	Private.	20	....	180
Waldo ave.	Beacon st.	Dimick st.	Private.	40	....	277
Waldo	Highland ave.	Hudson st.	Public.	40	287	....
Wallace	Holland st.	Broadway	Public.	40	1,350	....
Walnut	Bow st.	Broadway	Public.	40	3,830	....
Walter pl.	Walter st.	Southwesterly	Private.	40	....	222
Walter	Walnut st.	about 100 ft. N. of Bradley st.	Public.	40	548	....
Ward	Medford st.	Earle st.	Private.	30	....	610
Ware	Curtis st.	Northwesterly	Private.	40	....	700
Warner	Powder House sq.	Medford line	Public.	60	500	....
Warren ave.	Union sq.	Columbus ave.	Public.	40	650	....
Warren	Medford st.	Cambridge line	Private.	30	....	100
Warwick place	Warwick st.	Northeasterly	Private	15	....	150
Warwick	Cedar st.	Warwick pl.	Public.	40	655	....
Washington ave.	Washington st.	Northerly	Private.	18	....	350
Washington	Charlest'n line	Franklin ave.	Public.	75	1,060	....
Washington	Franklin ave.	Fitchburg R. R.	Public.	60 to 100	3,870	....
Washington	Fitchburg R. R.	Cambridge line	Public	60	2,380	....
Water	South st.	Northerly	Private.	25	....	250
Waterhouse	Broadway	Cambridge line	Private.	40	....	986
Watson	Broadway	Fairmount ave.	Private.	40	....	236
Waverly	Washington st.	Roland st.	Private.	35	....	200
Webster ave.	Union sq.	Cambridge line	Public.	49.5	1,950	....
Webster	Franklin st.	Cross st.	Public.	40	1,000	....
Wellington ave.	Walnut st.	Montgomery ave.	Public.	40	215	....
Wellington ave.	Montgomery ave.	Easterly	Private.	40	....	85
Wesley pk.	Wesley sq.	Northeasterly	Public.	40	405	....
Wesley	Pearl st.	Otis st.	Public.	40	515	....
West	Broadway	Heath st.	Private.	30	....	250
West	Hawthorne st.	Arlington Br. R. R.	Private.	30	....	460
Westminster	Broadway	Electric ave.	Public.	40	376	....
Weston ave.	Clarendon ave.	Broadway	Private.	40	....	525
Westwood road	Central st.	Benton road	Public.	40	489	....
Wheatland	Broadway	Jaques st.	Public.	40	495	....
Wheatland	Jaques st.	Mystic ave.	Private.	40	....	855
Wheeler	Pinckney st.	Mt. Vernon st.	Public.	40	269	....
Whipple	Highland ave.	Arlington Br. R. R.	Private.	30	....	318
†White	Elm st.	Cambridge line	Public.		307	....
White St. pl.	White st.	Southeasterly	Private.	20	....	200
Wigglesworth	Bonair st.	Pearl st.	Public.	40	740	....
William	Chandler st.	College ave.	Public.	40	381	....
William	Broadway	Medford line	Private.	50	....	45
Williams ct.	Porter st.	Northwesterly	Private.	30	....	150
Willoughby	Central st.	Sycamore st.	Public.	40	427	....
Willow ave.	Elm st.	Broadway	Public.	50	3,440	....
Willow pl.	Cambridge line	South st.	Private.	25	....	150
Wilson ave.	Broadway	B. & L. R. R.	Private.	20	....	310
Wilton	Lowell st.	Lawrence st.	Public.	35	470	....
Winchester	Broadway	Medford line	Private.	40	....	65
Windom	Elm st.	Summer st.	Public.	40	300	....
Windsor road	Willow ave.	Hancock st.	Public.	40	575	....
Winslow ave.	College ave.	Clifton st.	Public.	40	1,086	....
Winter	College ave.	Holland st.	Public.	30	402	....
Winter Hill cir.	Broadway	Northeasterly	Private.	25	....	177
Winthrop ave. (Fellsway.)	Broadway	Mystic ave.	Public.	50	1,170	....

†Sidewalk in Somerville.

Table Showing the Location, Length and Width of Public and Private Streets. — Concluded.

Street.	From.	To	Public or Private	Width in Feet.	Length.	
					Public.	Private.
Winthrop ave. (Extension.)	Mystic ave.	Middlesex ave.	Private.	40	....	583
Woodbine	Centre st.	Lowell st.	Private.	30	....	600
*Woods ave.	North st.	Alewife brook	Private.	40	....	1,350
Woodstock	Victoria st.	Alewife brook	Private.	40	....	415
*Woodstock (Extension.)	Victoria st.	Tannery st. (Ext'n.)	Private.	40	....	920
Wyatt circle	Wyatt st.	Wyatt st.	Private.	20	....	315
Wyatt	Concord ave.	Lincoln parkway	Public.	40	496	....
Yorktown	100 ft. north of Malvern ave.	Cambridge line	Private.	40	....	548

*Proposed.

Court	16 Craigie st.	Westerly	Private.	25	....	126
Court	26 Craigie st.	Westerly	Private.	25	...	126
Court	36 Craigie st.	Westerly	Private.	25	....	126
Court	292 Broadway	Southwesterly	Private.	15	....	96
Court	58 Dane st.	Easterly	Private.	10	....	70
Court	66 Lowell st.	Westerly	Private.	25	....	101
Court	78 Lowell st.	Westerly	Private.	25	....	101
Court	Olive ave.	Porter st.	Private.	7.5	....	156
Court	10 Stone ave.	Northwesterly	Private.	20	....	113
Court	21 Albion st.	Northeasterly	Private.	10	....	100
Court	227 Columbia st.	Northwesterly	Private.	10	....	117
Court	11 Albion st.	Northeasterly	Private.	9	....	170
Court	20 Dimick st.	Southwesterly	Private.	39.25	....	136
Court	255 Wash'gt'n st.	Northwesterly	Private.	30	....	176
Court	612 Broadway	Southwesterly	Private.	20	....	188
Total	.....	.....	....	...	349,275	139,220

Public, 66.150 miles (includes 2.843 miles boulevards); private, 26.367 miles.

Total length of streets in the city, 92.517 miles.

20th Annual Report

of the

City Engineer

of the

City of Somerville

Massachusetts

1909

THIRTIETH

ANNUAL REPORT

OF THE

CITY ENGINEER

Compliments of

ERNEST W. BAILEY,

City Engineer.

SOMERVILLE JOURNAL PRINT
1904

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REPORT OF THE CITY ENGINEER.

OFFICE OF THE CITY ENGINEER,
CITY HALL, SOMERVILLE, January 20, 1904.

To His Honor, the Mayor, and the Board of Aldermen:—

Gentlemen,—In accordance with the provisions of the city charter, the following report of the work done and expense incurred for the year ending December 31, 1903, by the departments under my charge and supervision, including Engineering, Sewers, Public Grounds, and other public works, is herewith presented.

ENGINEERING DEPARTMENT.

Statement of Expenses, 1903.

Salary City Engineer (including maintenance of team)	$2,800 00	
Salaries of assistants	8,101 91	
Stakes, tools, and general supplies (outside work)	78 89	
Draughting materials and office supplies (inside work)	115 15	
Maps and binding plans	64 25	
Setting stone bounds for defining street lines	252 19	
Car fares	209 57	
Telephone, postage, and incidentals	96 89	
Transferred to Observatory on Prospect Hill account	303 03	
Total expenditure in the department		$12,021 88
CREDIT.		
Appropriation	$11,900 00	
Amount received for making acceptance plans	28 00	
Amount received for inspection services, sewer construction work	3 75	
Amount received from Boston Elevated Railway Co., services rendered	107 80	
Amount received from City of Medford, services rendered	120 23	
Amount received from Metropolitan Park Commission, services rendered	20 00	
		$12,179 78
Balance unexpended		$157 90

Classification of Expenditures, Assistants' Salaries.

Sewers,—comprising surveys, estimates, profiles, lines, grades, titles, plans, assessments, and all engineering work relating to sewers	$2,441 11
Highways,—comprising plans, estimates, titles, profiles, lines and grades, and all other engineering relating to the department	756 66
Sidewalks,—comprising profiles, lines, grades, measurements, titles, costs and assessments	959 38
Bridges and Subways,—comprising surveys, plans and estimates	58 02
Water Works,—comprising lines, grades, locations of mains, gates, hydrants and services, and other matters relating to water department	221 11
Public Grounds,—comprising surveys, plans, estimates, profiles and grades, including laying out of parks and grounds	283 81
Public Buildings,—comprising surveys, estimates, lines and grades, and other work relating to construction	66 04
Street Numbering,—comprising locations of buildings, plans and affixing street numbers on houses	351 82
Street Lines and Grades,—comprising establishing of lines, grades, and miscellaneous data given parties for building and grading	105 91
Middlesex Registry,—comprising copying of plans and abstracts from deeds filed, and examination of titles	131 27
City Survey,—comprising lines, angles, and measurements, calculations of traverses, and locations of division lines and buildings	764 84
Prospect Hill Park,—comprising surveys, calculations, taking of land plans, construction plans, profiles, deeds, and general engineering work in laying out and constructing	760 69
Railway, Telephone, Electric Light, and Gas Light Companies,—comprising grades, plans, profiles, and office notes, locations of poles and conduits	49 74
Stone Bounds,—locating and setting	182 43
Office Work,—comprising records of all locations, indexing, typewriting, calculations, and general draughting	603 16
Miscellaneous Work,—comprising preliminary surveys, designs, sketches, etc., relating to various schemes for different committees	50 74
Vacations and Sickness	315 18
Total	$8,101 91

Office Records and Value of Instruments.

Number of survey note books, sewer permit books, and deed books	250	
Number of plans, including sewers, highways, parks, house lots, etc.	6,000	
Value of field instruments, tools, and office instruments		$1,500 00

The total cost of maintaining the city engineer's department since it was established (1872-1903, both years inclusive), has amounted to $203,020.50.

General Work. The number of assistants employed during the year has varied according to the amount of work, the regular department force being ten and the maximum number employed fourteen.

The office work has been continued on the same general system as in past years, all survey notes and records of sewers, drains, highway work, water works, etc., have been indexed, all plans of estates in Somerville filed at the registry of deeds, East Cambridge, have been copied and indexed, and all new plans of work made in the office recorded for future reference.

Titles have been examined and abstracts from deeds made at the East Cambridge registry for the purpose of assessing on the property owners of estates assessable for the construction of new highways, sidewalks, and sewers; and amounts computed and schedules of assessments made out for the proportional part of the cost of construction.

A number of street names have been changed and new street numbering plans have been made, old plans revised, houses plotted and numbers affixed to buildings throughout the entire city. There are many streets, avenues, courts, and places in the city of the same or very similar name, which should be changed to prevent the confusion and inconvenience now existing.

During the year the department has made plans and established grades for the acceptance under the betterment act, of eight new public streets, a total length of one mile; all of these plans have been copied and filed at the Middlesex registry as required by law. A portion of these streets have been graded and macadamized and assessments levied.

In conjunction with the acceptance and laying out of Clarendon avenue as a public highway by the city, agreements have been executed with the abutting owners of ledge property so that blasting and the removal of stone from this ledge can be carried on under certain restrictions, and when the work is entirely completed the present dangerous and unsightly ledge-hole, over which there has been so much controversy in the past as to blasting rights, will have been improved in appearance and the city's valuation increased in this locality.

A number of plans have been made and photographs taken at the request of the city solicitor, for the various departments, to be used in court cases and hearings where accidents have occurred and the city's interests were involved or damages claimed by reason of some work done by the city.

Surveys and plans have been made for the purpose of acquiring land for new public buildings, and lines and grades given for construction work on new schoolhouses and fire stations.

A large amount of engineering services has been required in making plans and profiles, and laying out and constructing the new park and observation tower on Prospect Hill and new playgrounds in different sections of the city.

Lines and grades have been given for setting 18,273.5 linear feet (3.46 miles) of new edgestone, and the resetting of 11,810.5 (2.24 miles) of old edgestone, and the measurements taken for computing assessments.

7,617.7 square yards of new brick sidewalks and 215.4 square yards of granolithic walk have been laid (about 2.08 miles in length) and 5,856.6 square yards of old brick sidewalks relaid.

5,988 square yards of new paved gutters have been laid and 548 square yards of new brick, concrete, and granite crossings constructed, requiring lines, grades, and measurements. (See tables in this report for cost of work and total lengths of sidewalks constructed in the city.)

The average cost for the year of setting edgestone has been eighty-one and one-half cents per linear foot and laying brick sidewalks ninety cents per square yard.

Lines and grades have been given, measurements taken, and computations made for the laying out and constructing of new streets, the reconstructing and repairing of old streets. In the construction of new streets and sidewalks the department work should be so changed that the city engineer shall keep a tabulated account of the total cost of the entire work, including all measurements and materials used, so that the correct cost is readily obtainable and assessments can be accurately made.

Lines and grades have been given for paving with granite blocks a section of Church street, south of Somerville avenue, an area of 728 square yards.

Lines and grades have been given the water department when requested.

9,180 feet of new mains with hydrants and gates have been located; 144 water services located and sketches made showing the buildings, services, gates, etc., for the water office.

During the year stone bounds have been set in concrete at street intersections and angles, for permanently defining street lines, and there are many more of these bounds to be set in various parts of the city as the yearly appropriation will allow.

The gas, electric light, telephone and street railway companies have filed plans showing locations in the city's streets of mains and tracks laid and poles erected as required by the city ordinances.

THORNDIKE-STREET SUBWAY, WEST SOMERVILLE.

The Boston Elevated Railway Company has been granted permission to lay double tracks in sections of Springfield street for turnouts and when completed there will be less delay on this line. This being a narrow street the roadway is to be paved from curb to curb where the turnouts are laid. Alterations and improvements have been made in the track locations at the junction of Cross street and Broadway, and the double track location rebuilt with heavy rails on Broadway, from the Charlestown line to Winter Hill, the grade being materially changed through the parkway. A petition is still pending before the board of aldermen for a double track location in Mystic and Middlesex avenues from the Charlestown line to the Fellsway boulevard, and extending to Wellington and Medford.

The laying of these tracks will necessitate the filling to grade, macadamizing, and constructing of these avenues to their full width, sixty-six and sixty feet, respectively, at a cost of about $7,400.

Bridges, Subways, and Grade Crossings. The new bridge over the Boston & Maine railroad at Sycamore street, commenced in 1902, has been completed, and at School street a new bridge has been constructed the full width of the highway, fifty feet. Granite abutment walls were built in new locations, lengthening the bridge and necessitating the changing of the grade of the city's highway; the railroad company bearing the total expense of constructing these bridges.

Another highway bridge should be constructed over the line of this railroad, at Lowell street, a most important cross-town street in the centre of the city. Probably satisfactory arrangements can be made with the railroad company for the building of this bridge in the near future.

A new bridge has been constructed by the metropolitan park commission over Mystic river, on the line of the Fellsway boulevard and Middlesex avenue. This bridge is about 515 feet long in Somerville, and seventy feet wide, with a roadway fifty-four feet in width and equipped with a retractile draw. The boulevard in Somerville between this bridge and Mystic avenue is to be widened.

A subway has been constructed for foot passengers under the Lexington and Arlington branch of the Boston and Maine railroad at Thorndike street, West Somerville. This under-pass is wholly within the railroad location, being eighty-five feet long, eight feet wide, and seven feet high, inside dimensions, constructed mainly of Portland cement concrete with I beams supporting the roof. The side walls are finished with opalite tile and the floor and steps of granolithic construction with iron hand-rails and guards at the entrances.

The contract was awarded by the Boston and Maine railroad company and the work completed under the supervision and in-

spection of the city's engineering department; the total cost of the structure amounting to about $3,800, the city bearing the total expense.

On the Fitchburg division of the Boston and Maine railroad, there are nine grade crossings within the city limits, a number of which are dangerous and should be abolished as speedily as possible. The city has a petition pending before the courts in reference to the abolition of these grade crossings.

Two of these crossings, at Somerville avenue and Medford street, on account of their location must be changed at the same time, and will require a large expenditure of money and extensive alterations in streets, railroads, buildings, and other property in the vicinity, involving the interests of many parties; the other seven crossings could be abolished independently of the Somerville avenue and Medford street work.

There are also six grade crossings on the line of the Lexington and Arlington branch of the Boston and Maine railroad in Somerville, where any contemplated change in grade would necessitate the treatment of all these crossings at one time and require the co-operation of the city of Cambridge.

The past year an act was passed by the Legislature authorizing the cities of Somerville and Cambridge and the towns of Arlington and Belmont to improve the condition of Alewife brook and streams above.

After a number of conferences with the representatives of these cities and towns, Somerville's engineer was selected to present a plan for this proposed improvement and surveys. Plans and estimates and considerable engineering work has been done and data presented to the Metropolitan park commission to be used in preparing plans and estimates for the proposed improvement of a large district adjacent to Mystic river and Alewife brook, to be treated in a manner similar to the Charles river dam scheme. A report and plan will probably be presented early the coming year.

Streets Accepted as Public Highways in 1903 under the Betterment Act.

Name of Street.	Ward.	From	To	Width in Feet.	Length in Feet.	Date of Acceptance.
Clarendon ave.	7	Broadway	Cambridge line	40	1,217	June 29
Dane ave.	2	Dane st.	Leland st.	30	569	Nov. 13
Durham st.	2	Beacon st.	Hanson st.	40	423	Sept. 25
Eastman ter.	6	Highland ave.	Southwesterly	40	296	Nov. 25
Hillside park	3	Walnut st.	Westerly	40	196	Dec. 30
Knowlton st.	1	Tufts st.	Northerly	40	461	Aug. 17
Packard ave.	7	Broadway	Professors row	60	1,758	Nov. 13
Pearl st.	1	Crescent st.	Mt. Vernon st.	37	341	Dec. 30
Total			(0.996 miles)	..	5,261	

Adrian .
Bolton .
Burnside ave
Carlton .
Cedar .
Church (south
Claremon
Clifton .
College avenu
Crocker
Gorham
Grant .
Henry avenue
Houghton
Hudson
Ibbetson
Jay .
Kidder avenue
Kingston
Lincoln avenu
Lincoln avenu
Line .
Lowell
Maple .
Partridge aver
Pembroke
Porter .
Robinson
School .
Tennyson
Tennyson
Thorndike
Thurston
Tower .
Tower .
Trull .
Veazie .
Waldo .
Wesley .
William .
Willoughby .

Totals
Amount o

Total as

			(0,5.6 miles)		5,261

Length of Public Streets in Each Ward.

	Miles.
Ward one	9.033
Ward two	7.591
Ward three	6.907
Ward four	8.808
Ward five	10.083
Ward six	10.755
Ward seven	13.913
Total length of public streets in the city	67.09

Miles of Edgestone, Brick Sidewalk, and Gravel Sidewalk in Each Ward.

	Edge-stone.	Brick sidewalk.	Gravel sidewalk.
Ward one	15.424	11.594	3.830
Ward two	11.102	4.197	6.905
Ward three	12.784	11.226	1.558
Ward four	12.395	8.463	3.932
Ward five	15.153	9.688	5.465
Ward six	18.207	9.726	8.481
Ward seven	15.490	7.430	8.060
Total miles in the city	100.555	*62.324	38.231

*Includes 1.66 miles granolithic and tar concrete walk.

Table of Street Construction.

	Miles.
*Streets paved with granite blocks	2.75
Streets paved with asphalt	.66
Streets paved with vitrified brick (Davis square)	.14
**Streets macadamized	63.25
Streets graveled	17.43
Streets unimproved	8.56
Total	92.79

*Also 29 miles (single track) electric railway, granite paved.
**Includes 2.84 miles boulevard.

SEWER DEPARTMENT.

Sewers Construction Account.

STATEMENT OF EXPENSES, 1903.

Constructing "separate system" sewers (assessments levied) petitioned for . .	$276 87	
Constructing "separate system" sewers (no assessments)	3,342 23	
Constructing combined system sewers (assessments levied) petitioned for . .	2,770 57	
Constructing storm drains	22,375 19	
Constructing 38 catch basins, street drainage	1,887 41	
Final payment on sewers constructed in 1902	1,189 18	
Work and materials furnished other departments	63 38	
Sundry expenses and abatements . .	52 00	
Materials on hand December 31, 1903 . .	686 29	
Total		$32,643 12
CREDIT.		
Balance unexpended December 31, 1902 .	$4,288 29	
Appropriation, 1903	25,000 00	
Sewers constructed in 1903, assessments levied	2,850 49	
Amounts received from other departments	133 62	
Reserves on contracts, due in 1904 . .	1,060 66	
Materials on hand December 31, 1902 . .	684 64	
		$34,017 70
Balance unexpended		$1,374 58

In the construction of sewers the past year a portion of the work has been done by the city, employing day labor, and the remainder by contractors. The "separate system" sewers (those built for house drainage only) have been extended during the past year in various streets in different sections of the city, and this work should continue yearly, as the appropriation will allow, until all flooded areas in the city have a new sewerage system; all house drains in these districts should be re-connected with the new sewers as soon as built.

One of the main lines has been extended on the southwesterly side of Beacon street, from Museum street to Harris street, about 1,403 feet of ten-inch pipe being laid. Another main has been extended on the southerly side of Somerville avenue, from the Fitchburg railroad crossing easterly, about 346 feet of twelve-inch pipe being laid to take the drainage from one of the slaughtering houses. Separate system sewers have also been laid in College avenue and Elmwood terrace. In Maple street the old sewer has been converted into a separate system sewer.

Sewers on the "combined system" have been built and extended in Highland road, Lexington avenue, Munroe street, Ossipee road, Packard avenue, and Teele street, Powder House boulevard, and Winslow avenue.

VIEWS—STORM DRAIN OUTLET,
MIDDLESEX AVENUE, 10 FEET X 7.5 FEET.

An agreement has been executed with the owners of the marsh land lying between Mystic and Middlesex avenues, near Winthrop avenue, whereby the city has obtained a permanent right of way for drainage purposes.

For many years the city has paid an annual rental for the use of an old water course across this private property, and by the construction during the year of a permanent drain in the right of way obtained, the main drainage outlet for the eastern district of the city has been completed.

The new structure built extends from the tide-gate chamber constructed in Middlesex avenue the previous year, southwesterly in Middlesex avenue and across the marsh land in the proposed location of a new street to the junction of Mystic and Winthrop avenues, where it connects with the bell-mouth chamber previously built and takes the drainage from an area of over 400 acres discharging through three large structures at this point.

The new drain is constructed principally of Portland cement concrete re-enforced with expanded metal and I beams in the roof construction, and is ten feet wide, seven and one-half feet high and about 880 feet long, being the largest structure in the city's drainage system.

In connection with this work and on either end of the new structure the tide-gate and bell-mouth chambers have been completed.

A short section of storm drain has been constructed in Vernon street between Glenwood road and Partridge avenue, and a new drain for storm water laid in Maple street.

Drainage has been completed for the Thorndike-street subway, the pond and fountain on Central Hill park, the tower on Prospect Hill park, the Broadway athletic field, the Morse school yard and brick masonry gate chambers constructed for the water department.

Metropolitan Sewer Connections. The city's assessment for the metropolitan system for the past year was $28,438.09 on construction, and $18,150.28 for maintenance.

There are ten connections with the north metropolitan sewerage system within the city's limits and four connections through other cities, taking the discharge of the city's entire house drainage system.

The cost of making these main sewer connections has been $17,870.76 and the amount paid the state to January 1, 1904, on construction account has been $299,371.93, and for maintenance $120,860.24, making a total cost to the city to date on account of the construction of the metropolitan sewerage system $438,-102.93.

At the Somerville-avenue and Poplar-street connection wi the metropolitan sewer, records compiled from an automatic r cording clock placed in the regulator chamber on the combin system, show this outlet to have been cut off as follows:—

Year	1900	completely	closed	353	hours,	partly	closed	114 hours.
"	1901	"	"	386	"	"	"	225 "
"	1902	"	"	376	"	"	"	377 "
"	1903	"	"	180	"	"	"	167 "

Summary of Work. Fourteen new sewers and drains ha been constructed during the year, a total length of 6,527.6 fe (1.24 miles) and plans made and assessments levied amounti to $2,850.49. (See table of sewers.)

The total length of the city's drainage system is 88.36 mil 17.38 miles being on the "separate system" and 4.68 miles storm drains, and the entire cost of construction has been abo $1,131,211.00 exclusive of the amount paid the state for t construction and maintenance of the north metropolit system.

Thirty-eight new catch basins have been constructed on t highways during the year at an average cost of $49.67 per basi making a total of 1,266 catch basins in the city for street drai age purposes.

Sewers Maintenance Account.

STATEMENT OF EXPENSES, 1903.

Maintenance of sewers, including cleaning and flushing	$4,165 50	
Maintenance of catch basins, cleaning and flushing	4,447 01	
Changing line and grade and repairing manholes	122 75	
Changing line and grade and repairing catch basins	843 47	
Inspection and location of house drains	329 70	
Rent of water course, between Mystic and Middlesex avenues	300 00	
Rebuilding sewers	332 44	
New tools and supplies	359 43	
Repairs of tools and property	73 70	
Cleaning cellars flooded in times of storms,	12 00	
Sundry expenses, car fares, telephone, etc.	52 33	
Maintenance of sewer department yards and buildings	357 93	
Work and materials furnished other departments	212 69	
Dredging and flushing Bridge-street sewer outlet at Charles river in Cambridge (4-9 of cost, by an act of the legislature),	1,585 60	
Total		$13,194

CREDIT.

Appropriation	$12,300 00	
Boston Elevated Railway Company, changing line and grade manholes, labor and materials	213 03	
Sale of old hose, rope, iron, etc. . . .	37 55	
Amount received from other city departments, labor and materials . . .	641 69	
Materials on hand December 31, 1902,—lumber	12 00	
		$13,204 27
Balance unexpended		$9 72
Value of tools and property used in maintenance of sewers		$809 86

The work and cost of maintaining the city's drainage system increases yearly as new lengths of sewers and storm drains are built and more catch basins added, requiring continuous labor in cleaning, flushing, repairing, etc., to be kept in working order, that the sanitary condition of the city may be maintained at its best.

Over 6,000 cubic yards of material have been removed from catch basins and sewers during the past year, and many blow-off connections from the water mains opened and the sewers flushed. Ninety-seven catch basins have been repaired, grade changed or re-built; twenty-nine manholes, line or grade changed, and ten sewers or storm drains repaired. About one hundred feet of sewer has been re-laid and three new manholes built on old sewers.

During the year 259 permits have been issued to licensed drain layers for connecting buildings with the main sewers, thirty-five being for repairs; all of the work being done under the supervision of the city's inspector. There are about 12,525 private drain connections with the city's drainage system.

The automatic recorder in the regulator chamber at the Somerville-avenue and Poplar-street connection with the metropolitan sewer shows this outlet to have been completely closed for 167 hours and partially closed 180 hours during the year.

Two of the city's largest outlets for storm drainage are through the city of Cambridge into tide water; the one for the southeasterly section of the city, extending through East Cambridge and discharging into Charles river, was constructed many years ago, Somerville paying five-ninths of the cost of construction and has paid five-ninths of the cost of maintenance of this outlet for nearly thirty years, under an act of the legislature. This matter should be considered and re-adjusted on a more equitable basis, the prevailing conditions being far different from what existed many years ago, when the present act was passed and would require the passage of a new act by the legislature authorizing a change.

PUBLIC GROUNDS DEPARTMENT.

The department covers a varied line of work, including the designing, laying out, and constructing of new parks, boulevards and drives, athletic fields and smaller playgrounds, the care and maintenance of all the grounds after completion, the control of all the various athletic games on the different playgrounds, the purchasing of all supplies and a general supervision, at present, over sixteen separate parcels of land located in all parts of the city, amounting to about fifty-eight acres, and a boulevard one and one-third miles in length.

New Work. The land previously purchased for park purposes on Prospect Hill and partially laid out has been practically completed during the year. The roadway has been finished, walks graded, steps built, and beds of shrubbery and trees planted.

An observation tower has been constructed on top of a portion of the old original hill, left at its highest elevation, opposite Greenville street. This tower is built of rock-faced, Deer Isle granite laid in broken-ashlar masonry, the elevation of the top floor being 161.8 feet above mean low tide. The corner stone was laid July 7, 1903, and the park was dedicated with appropriate exercises on October 29, 1903.

This park will always be of historical interest on account of the encampment of soldiers on this hill both in the revolutionary and civil wars, and bronze tablets with inscriptions of historical events (prepared by the Somerville Historical Society) have been erected.

The inscription on the tablet placed in the tower is as follows:—

THIS TABLET IS ERECTED
IN MEMORY OF THE
SOLDIERS OF THE REVOLUTION
AND OF THE CIVIL WAR
WHO ENCAMPED ON
PROSPECT HILL
AND OF THE BANNERS
UNDER WHICH THEY
VALIANTLY FOUGHT.

—o—

THIS TOWER AND PARK
DEDICATED OCTOBER 29, 1903.

Another tablet placed on the face of the granite retaining wall at the base of the tower has five inscriptions, as follows:—

THE AMERICAN ARMY UNDER GENERAL PUTNAM
ON JUNE 17, 1775
WITHDREW FROM BUNKER HILL TO THIS HEIGHT
AND HERE ERECTED THE
CITADEL
THE STRONGEST WORK
IN THE BESIEGING LINES OF BOSTON
AND WHICH FOR NINE MONTHS WITHSTOOD
THE BRITISH BOMBARDMENT
JUNE 17, 1775, TO MARCH 17, 1776.

HERE ON JULY 18, 1775
WAS RAISED AMID GREAT REJOICING THE FLAG
PRESENTED TO GENERAL ISRAEL PUTNAM
AND HIS HEROIC SOLDIERS,
BEARING THE MOTTO OF CONNECTICUT
"QUI TRANSTULIT SUSTINET"
AND OF MASSACHUSETTS, "AN APPEAL
TO HEAVEN."

FROM THIS EMINENCE
ON JANUARY 1, 1776
THE FLAG OF THE UNITED COLONIES,
BEARING THIRTEEN STRIPES AND THE CROSSES
OF SAINT GEORGE AND SAINT ANDREW,
FIRST WAVED DEFIANCE TO A FOE.

"THE FLOWER OF THE BRITISH ARMY"
PRISONERS OF WAR
WHO SURRENDERED AT SARATOGA
WERE QUARTERED ON THIS HILL
FROM NOVEMBER 7, 1777, TO OCTOBER 15, 1778
GUARDED BY AMERICAN TROOPS
UNDER GENERAL WILLIAM HEATH.

ON THIS HISTORIC HILL
ANSWERING THEIR COUNTRY'S CALL
IN 1862
ENCAMPED THE SOLDIERS OF SOMERVILLE
WHOSE RECORD OF PATRIOTISM AND FORTITUDE
IN THE CIVIL WAR
IS WORTHY OF HIGHEST HONOR
AND COMMEMORATION.

Prospect Hill Park.

COST OF CONSTRUCTION, 1903.

Completion of grading	$593 35	
Steps and concrete walks	267 99	
Trees, shrubs, and planting	343 85	
	$1,205 19	
Less labor and teaming charged to Public Grounds account, for which credit was received	72 25	
		$1,132 94
CREDIT.		
Balance from 1902	$1 34	
Appropriation, 1903	1,000 00	
Transfer from Public Grounds, Land on Prospect Hill, account	131 60	
		$1,132 94

Construction of Historical Building and Observation Tower on Prospect Hill Park.

Rough granite delivered	$1,875 57	
Labor, cutting and laying granite	4,753 33	
Sand and materials used	624 61	
Floors, stairs, doors, etc.	1,452 65	
	$8,706 16	
Less labor and materials charged to other accounts, for which credit was received	603 13	
		$8,103 03
CREDIT.		
Appropriation	$7,000 00	
Transfer from Public Grounds account	800 00	
Transfer from City Engineer account	303 03	
		$8,103 03

On Central Hill park a rockery and basin with two smaller drinking fountains have been constructed with money left under the will of Joseph F. Wilson. The rockery is composed of irregular shaped rock cemented together in the form of a pyramid, from which many streams of water spout into a pond at the base, and so constructed that it can be illuminated by electric lights when desired. Shrubbery is to be added for a background the coming spring. The cost of the work follows:--

Wilson Memorial.

COST OF CONSTRUCTING ROCKERY, BASIN, AND FOUNTAINS ON CENTRAL HILL PARK.

Rocks and teaming	$526 03	
Mason work and labor	441 68	
Cement, sand, bricks, iron work	122 06	
Water pipes and drains	157 97	
Granolithic and concrete	756 00	
Electrical work and plumbing	336 26	
Bronze tablet	35 00	
		$2,375 00

VIEWS OF OBSERVATION TOWER, PROSPECT HILL PARK.

A small area at the cornor of Poplar street and Joy street (the old Bennett school lot) has been put in use as a playground for the children; the old schoolhouse has been removed, the lot graded and swings, tilts, etc., added.

At Lincoln park a large portion of the old clay pit has been filled with ashes and other material, a straight-away running track completed and a new fence, ten feet in height, erected along the westerly boundary of the park for the protection of the adjoining property.

A system of under-drains has been laid for taking care of the surface and ground water at the city's athletic field on Broadway, near Powder House square; and on Central Hill park new steps and hand rails have been placed at the Medford-street and Walnut-street entrances.

Table Showing Total Cost of Principal Parks as Constructed.

(Exclusive of maintenance.)

	Broadway Park. (15.9 acres.)	Central Hill Park. (13.1 acres.)	Nathan Tufts Park. (4.5 acres.)	Lincoln Park. (8.3 acres.)	Prospect Hill Park. (2.6 acres.)	W. Somerv'le Ath. Fld. (4.4 acres).
Cost of land purchased for park purposes.	$126,257 10	$104,186 00	$19,424 55	$37,592 92	$48,964 91	
First cost of laying out and constructing.	86,138 57	31,624 70	33,404 83	15,609 70	16,631 60	3,246 05
Construction of Observation tower.					8,103 03	
Totals . . .	$212,395 67	$135,810 70	$52,829 38	$53,202 62	$73,699 54	$3,246 05

Total expenditure for the six principal parks = $531,183.96.

Maintenance Account.

STATEMENT OF EXPENSES.

Broadway Park (15.9 acres):—		
Maintenance of grounds and general care of property	$1,608 88	
Tools and supplies	73 85	
Repairing tools and property . . .	72 75	
Plants, flowers, bulbs, etc. . . .	366 05	
		$2,121 53
Broadway Parkway (1.4 acres):—		
Maintenance of grounds	$184 23	
Plants, flowers, etc.	90 00	
		274 23
Amount carried forward		$2,395 76

Amount brought forward		$2,395 76
Central Hill Park (13.1 acres):—		
Maintenance of grounds and general care of property	$1,354 64	
Tools and supplies	88 68	
Repairing tools and property	20 48	
New steps and hand rails	260 60	
Plants, flowers, bulbs, etc.	287 79	
		2,012 19
Prospect Hill Park (2.6 acres):—		
Maintenance of grounds	$1,644 93	
Grading	443 94	
Tools and supplies	106 89	
Repairing tools and property	33 35	
		2,229 11
Lincoln Park (8.3 acres):—		
Maintenance of grounds and general care of property	$1,747 71	
Tools and supplies	44 00	
Repairing tools and property	57 97	
New fences	404 90	
New running track	134 03	
Plants, flowers, etc.	64 64	
		2,453 25
Tufts Park (4.5 acres):—		
Maintenance of grounds and general care of property	$899 75	
Tools and supplies	20 34	
Repairing tools and property	24 75	
Plants, flowers, bulbs, etc.	83 26	
		1,028 10
Paul Revere Park:—		
Maintenance of grounds		8 50
Broadway Athletic Field, Tufts College land (4.4 acres):—		
Maintenance of grounds and care of property	$338 62	
Drainage of ball field	99 21	
Tools and supplies	5 05	
Repairing property	45 91	
		488 79
Playgrounds, Glen street, corner Oliver street (0.9 acre):—		
Maintenance of grounds		10 00
Playgrounds, Poplar street, corner Joy street (0.4 acre):—		
Laying out and grading	$190 50	
Seats, swings, etc.	75 47	
		265 97
Playgrounds, Webster avenue, near Cambridge line (0.2 acre):—		
Maintenance of grounds		8 00
Amount carried forward		$10,899 67

Amount brought forward		$10,899 67
Playgrounds, Somerville avenue, corner Kent street (0.8 acre):—		
Maintenance of grounds	$44 00	
Repairing property	119 07	
		163 07
Playgrounds, Belmont street, near Summer street (0.4 acre):—		
Maintenance of grounds	$56 50	
Plants, flowers, bulbs, etc.	50 00	
		106 50
Playgrounds, Broadway, corner Cedar street (4.2 acres):—		
Maintenance of grounds		75 86
Playgrounds, College avenue, opposite Morrison avenue (0.4 acre):—		
Maintenance of grounds		27 00
Cemetery, Somerville avenue (0.7 acre):—		
Maintenance of grounds	$39 50	
Repairs of property	25 80	
		65 30
Powder House Boulevard (1 1-3 miles long):—		
Maintenance of roadway and walks		69 14
Incidentals		39 40
Total expenditure maintenance (58.2 acres, 1 1-3 miles boulevard)		$11,445 94
CREDIT.		
Appropriation	$10,500 00	
Amount received from other departments	595 30	
Boston Elevated Railway Company, proportional park maintenance Broadway Parkway (2 years)	100 00	
Sundry persons, part cost of improvements	251 00	
		11,446 30
Balance unexpended		$0 36
Value of tools and property used in maintenance of grounds	$1,500 00	

The principal parks, Broadway, Central Hill, Prospect Hill, Lincoln, and Tufts, have been policed by regular officers from the police department during the summer months. Trees and shrubs have been added, bulbs, plants, and flowers furnished in their seasons and skating provided during the winter.

Three ball fields, out-doors gymnasium, bicycle track, tennis courts, etc., have been kept in condition and used constantly throughout the year by various athletic teams.

The Powder House boulevard has been maintained at small expense and a number of buildings have been erected on this driveway the past year.

The remaining portion of the field at the corner of
and Cedar street should be graded and the Glen-stre
enlarged by additional land in the rear, making a b
portioned playground, whenever an appropriation is a

APPENDED TABLE.

Following this report is a table giving names of al
the city, public and private, lengths, widths, and the
age; in the 1901 report a table was given showing th
and names of public squares in the city.

ERNEST W. BAIL
City E

BLE SHOWING THE LOCATION, LENGTH AND WIDTH OF PUBLIC AND PRIVATE STREETS.

STREET.	FROM	TO	Public or Private.	Width in Feet.	LENGTH.	
					Public.	Private.
l pl. . . .	Somerville ave. .	Southwesterly . .	Private.	25	....	203
s	Broadway . . .	Medford st. . . .	Public.	40	900	....
ı	Marion st. . .	Joseph st. . . .	Public.	40	579	....
ı pl. . . .	Albion st. . . .	Northeasterly . .	Private.	10	....	166
ı ct. . . .	Albion st. . . .	Southwesterly . .	Private.	16	....	116
ı	Central st. . .	Cedar st. . . .	Public.	40	2,742	....
n	Broadway . . .	Medford line . .	Private.	50	...	100
n ter. . . .	Albion st. . . .	Southwesterly . .	Private.	25	....	100
ley . . .	Walnut st. . .	Vinal ave. . . .	Public.	40	508	....
h	Pearl st. . . .	B. & L. R. R. . .	Public.	40	611	....
l	Broadway . . .	Medford line . .	Private.	50	....	50
. . . .	Somerville ave. .	Charlestown st. .	Private.	25	....	680
ct. . . .	Park st. . . .	Northwesterly . .	Private.	20	....	150
e	Cedar st. . . .	Southeasterly . .	Private.	30	....	670
e	Alpine st. . .	Lowell st. . . .	Public.	40	688	....
ı	Cross st . . .	Shawmut pl. . .	Public.	40	567	....
. . . .	Bartlett st. . .	Robinson st. . .	Public.	40	580	....
n way . .	Talbot ave. . .	Professors row . .	Private.	60	....	250
ton . . .	Willow ave. . .	Clifton st. . . .	Public.	40	510	....
ton . . .	Clifton st. . .	Liberty ave. . .	Private.	40	....	120
;ton . . .	Franklin st. . .	Lincoln st. . . .	Public.	40	440	....
d ave. . .	Porter st. . . .	Southeasterly . .	Private.	15	....	127
d ct. . . .	Beacon st. . .	Northeasterly . .	Private.	10	....	115
r ct. . . .	Linden st. . .	Easterly	Private.	about 10	....	100
r	Broadway . . .	Bonair st. . . .	Public.	40	438	....
ve. . . .	Meacham st. .	Northeasterly . .	Private.	40	....	765
ad	Summer st. . .	Sartwell ave. . .	Public.	30	478	....
ton . . .	Central st. . .	Beech st. . . .	Public.	40	264	....
'n ave. . .	Cross st. . . .	B. & L. R. R. . .	Private.	30	...	600
ı	Broadway . . .	Mystic ave. . . .	Public.	40	680	....
nn	Broadway . . .	Bonair st. . . .	Private.	20	....	420
. . . . .	School st. . .	Central st. . . .	Public.	40	1,360	....
pl. . . .	Cross st. . . .	B. & L. R. R. . .	Private.	25	....	150
. . . . .	Elm st. . . .	Summer st. . . .	Public.	40	639	....
tt	Vernon st. . .	Broadway . . .	Public.	40	1,550	...
tt	Washington st. .	Southerly . . .	Private.	20	...	200
ı	Broadway . .	Russell road. . .	Private.	40	....	382
tate ave. .	Broadway . . .	Fosket st. . . .	Private.	40	....	1,197
ave. . .	Webster ave. .	Columbia st. . .	Private.	about 20	....	200
n pl. . . .	Beacon st. . .	Northeasterly . .	Private.	15	....	200
n	Cambridge line .	Somerville ave. .	Public.	66	6,100	....
n ter. . .	Somerville ave. .	Northeasterly . .	Private.	24	....	110
ı ct. . . .	Cutter st. . . .	Southeasterly . .	Private.	16	....	100
rith cir. . .	Beacon st. . .	Southwesterly . .	Private.	20	....	120
rd	South st. . . .	Cambridge line .	Public.	30	165	....
. . . .	Somerville ave. .	Spring st. . . .	Public.	40	800	....
ue ter. . .	Albion st. . . .	Northeasterly . .	Private.	20	....	90
ap	Broadway . . .	Russell road. . .	Private.	40	....	449
nt . . .	Somerville ave. .	Highland ave. . .	Public.	40	2,175	....
nt pl. . .	Belmont st. . .	Southeasterly . .	Private.	25	....	175
ict ave. .	Broadway . . .	Benedict st. . . .	Private.	20	....	200
ict . . .	Union st. . . .	Austin st. . . .	Public.	40	600	....
tt ct. . .	Bennett st. . .	Prospect st. . .	Private.	10	....	100
tt	Prospect st. . .	Bennett ct. . . .	Private.	40 to 25	....	400
n road . .	Summer st. . .	Hudson st. . .	Public.	40	1,208	....
ey . . .	School st. . . .	Central st. . . .	Public.	40	1,360	....
;k	Lawrence st. .	Northwesterly . .	Private.	20	....	170
w	Boston st. . . .	Munroe st. . . .	Public.	50	208	....
ham . . .	Broadway . . .	William st. . . .	Public.	40	563	....
's pl. . .	Glen st. . . .	Easterly	Private.	10	....	75
ey ave. . .	Winthrop ave. .	Cross st.	Private.	40	....	630
ıery ct. . .	Somerville ave. .	Fitchburg R R. .	Private.	30	....	450
ı	Oak st. . . .	Houghton st. . .	Public.	40	476	....
. . . . .	Cross st. . . .	Walnut st. . . .	Public.	40	1,470	....
. . . . .	Broadway . . .	Jaques st. . . .	Public.	40	640	....
r ave. . .	Washington st. .	Columbus ave. .	Public.	40	450	....

The remaining portion of the field at the corner of Broadway and Cedar street should be graded and the Glen-street grounds enlarged by additional land in the rear, making a better proportioned playground, whenever an appropriation is available.

APPENDED TABLE.

Following this report is a table giving names of all streets in the city, public and private, lengths, widths, and the total mileage; in the 1901 report a table was given showing the locations and names of public squares in the city.

ERNEST W. BAILEY,
City Engineer.

TABLE SHOWING THE LOCATION, LENGTH AND WIDTH OF PUBLIC AND PRIVATE STREETS.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Abdell pl.	Somerville ave.	Southwesterly	Private.	25	....	203
Adams	Broadway	Medford st.	Public.	40	900	....
Adrian	Marion st.	Joseph st.	Public.	40	579	....
Albion pl.	Albion st.	Northeasterly	Private.	10	....	166
Albion ct.	Albion st.	Southwesterly	Private.	16	....	116
Albion	Central st.	Cedar st.	Public.	40	2,742	....
Albion	Broadway	Medford line	Private.	50	...	100
Albion ter.	Albion st.	Southwesterly	Private.	25	....	100
Aldersey	Walnut st.	Vinal ave.	Public.	40	508	....
Aldrich	Pearl st.	B. & L. R. R.	Public.	40	611	....
Alfred	Broadway	Medford line	Private.	50	....	50
Allen	Somerville ave.	Charlestown st.	Private.	25	....	680
Allen ct.	Park st.	Northwesterly	Private.	20	....	150
Alpine	Cedar st.	Southeasterly	Private.	30	....	670
Alpine	Alpine st.	Lowell st.	Public.	40	688	....
Alston	Cross st	Shawmut pl.	Public.	40	567	....
Ames	Bartlett st.	Robinson st.	Public.	40	580	....
Appian way	Talbot ave.	Professors row	Private.	60	....	250
Appleton	Willow ave.	Clifton st.	Public.	40	510	....
Appleton	Clifton st.	Liberty ave.	Private.	40	....	120
Arlington	Franklin st.	Lincoln st.	Public.	40	440	....
Arnold ave.	Porter st.	Southeasterly	Private.	15	....	127
Arnold ct.	Beacon st.	Northeasterly	Private.	10	....	115
Arthur ct.	Linden st.	Easterly	Private.	about 10	....	100
Arthur	Broadway	Bonair st.	Public.	40	438	....
Ash ave.	Meacham st.	Northeasterly	Private.	40	....	705
Ashland	Summer st.	Sartwell ave.	Public.	30	478	....
Atherton	Central st.	Beech st.	Public.	40	264	....
Auburn ave.	Cross st.	B. & L. R. R.	Private.	30	....	600
Austin	Broadway	Mystic ave.	Public.	40	680	....
Autumn	Broadway	Bonair st.	Private.	20	....	420
Avon	School st.	Central st.	Public.	40	1,360	....
Avon pl.	Cross st.	B. & L. R. R.	Private.	25	....	150
Banks	Elm st.	Summer st.	Public.	40	639	....
Bartlett	Vernon st.	Broadway	Public.	40	1,550	...
Bartlett	Washington st.	Southerly	Private.	20	...	200
Barton	Broadway	Russell road.	Private.	40	....	382
Bay State ave.	Broadway	Fosket st.	Private.	40	....	1,197
Beach ave.	Webster ave.	Columbia st.	Private.	about 20	....	200
Beacon pl.	Beacon st.	Northeasterly	Private.	15	....	200
Beacon	Cambridge line	Somerville ave.	Public.	66	6,100	....
Beacon ter.	Somerville ave.	Northeasterly	Private.	24	....	110
Bean's ct.	Cutter st.	Southeasterly	Private.	16	....	100
Beckwith cir.	Beacon st.	Southwesterly	Private.	20	....	120
Bedford	South st.	Cambridge line	Public.	30	165	....
Beech	Somerville ave.	Spring st.	Public.	40	800	....
Bellevue ter.	Albion st.	Northeasterly	Private.	20	....	90
Belknap	Broadway	Russell road.	Private.	40	....	449
Belmont	Somerville ave.	Highland ave.	Public.	40	2,175	....
Belmont pl.	Belmont st.	Southeasterly	Private.	25	....	175
Benedict ave.	Broadway	Benedict st.	Private.	20	....	200
Benedict	Union st.	Austin st.	Public.	40	600	....
Bennett ct.	Bennett st.	Prospect st.	Private.	10	....	100
Bennett	Prospect st.	Bennett ct.	Private.	40 to 25	....	400
Benton road	Summer st.	Hudson st.	Public.	40	1,208	....
Berkeley	School st.	Central st.	Public.	40	1,360	....
Berwick	Lawrence st.	Northwesterly	Private.	20	....	170
Bigelow	Boston st.	Munroe st.	Public.	50	208	....
Billingham	Broadway	William st.	Public.	40	563	....
Bishop's pl.	Glen st.	Easterly	Private.	10	....	75
Blakeley ave.	Winthrop ave.	Cross st.	Private.	40	....	630
Bleachery ct.	Somerville ave.	Fitchburg R. R.	Private.	30	....	450
Bolton	Oak st.	Houghton st.	Public.	40	476	....
Bonair	Cross st.	Walnut st.	Public.	40	1,470	....
Bond	Broadway	Jaques st.	Public.	40	640	....
Bonner ave.	Washington st.	Columbus ave.	Public.	40	450	....

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Boston ave.	Medford line	Mystic river	Public.	60	910	....
Boston ave	Broadway	Medford line	Public.	50	80	....
Boston ave.	Broadway	Highland road	Private.	65	....	290
Boston ave.	Highland road	Easterly angle	Private.	50	....	655
Boston ave.	Angle southerly	Morrison ave.	Private.	40	....	1,025
Boston	Washington st.	Prospect Hill ave.	Public.	45	630	...
Boston	Prospect Hill av.	Walnut st.	Public.	40	1,250	....
Bow	Union sq.	Wesley sq.	Public.	60	600	....
Bow	Wesley sq.	Somerville ave.	Public.	50	500	....
Bowdoin	Washington st.	Lincoln park	Public.	40	341	....
Bowers ave.	Cottage ave.	Elm st.	Private.	24	....	288
Bow St. pl.	Bow st.	Northwesterly	Private.	40	....	300
Bradford ave.	School st.	Southeasterly	Private.	40	....	150
Bradley	Pearl st.	Walter st.	Public	40	762	....
Brastow ave.	Lowell st	Porter st.	Public.	40	686	...
Bristol road	Broadway	Medford line	Private.	40	....	98
Broadway	Charlestown line	Cross st.	Public.	100	2,590	....
Broadway	Cross st.	Marshall st.	Public.	100 to 200	2,060	....
Broadway	Marshall st	Main st.	Public.	100	1,570	....
Broadway	Main st.	Top of hill	Public.	100 to 90	1,030	....
Broadway	Top of hill	Albion st.	Public.	90	2,540	....
Broadway	Albion st.	Willow ave.	Public.	90 to 70	1,030	....
Broadway	Willow ave.	Paulina st.	Public.	70	3 250	....
Broadway	Paulina st.	Arlington line	Public.	65-60-65	3,220	....
Broadway pl.	Broadway	Southwesterly	Private.	22	....	250
Bromfield road	Warner st.	Professors row	Private.	40	....	1,260
Brook	Glen st.	Cross st.	Public.	40	500	....
Browning road	Sycamore st.	Central st.	Public.	40	679	....
Buckingham	Beacon st.	Dimick st.	Public.	40	300	....
Burnside ave.	Elm st.	Summer st.	Public.	40	720	....
Caldwell pl.	Washington st.	Southerly	Private.	20	....	210
Calvin	Beacon st.	Dimick st.	Private.	40	....	250
Calvin	Dimick st.	Washington st.	Private.	30	....	395
Cambria	Central st.	Benton road	Public.	40	488	....
Cameron ave.	Holland st.	Cambridge line	Public.	60	1,000	....
Campbell pk.	Meacham rd.	Kingston st.	Public.	40	399	....
Campbell Pk. pl.	Kingston st.	Arlington Br. R.R.	Private.	20	....	84
Carlton	Somerville ave.	Lake st.	Public.	40	300	....
Carver	Porter st.	Northwesterly	Private.	40	....	156
Cedar ave.	Cedar st.	Linden ave.	Private.	22	....	290
Cedar ct.	Cedar st.	Southeasterly	Private.	15+	....	70+
Cedar St. pl.	Murdock st.	Southwesterly	Private.	20	....	220
Cedar St. pl.	Cedar n'r Elm st.	Southeasterly	Private.	12+	....	80+
Cedar	Elm st.	Broadway	Public.	40	4,150	....
Central	Somerville ave.	Summer st.	Public.	33	1,150	....
Central	Summer st.	Medford st.	Public.	40	2,480	....
Central	Medford st.	Broadway	Public.	45	1,070	....
Centre	Albion st	B. & L. R. R.	Private.	35	....	200
Chandler	Park ave.	Broadway	Public.	40	1,232	....
Chapel	College ave.	Chandler st.	Public.	40	273	....
Chapel ct.	Sycamore st.	Northwesterly	Private.	12	....	130
Charles	Washington st.	Southerly	Public.	30	166	....
Charlestown	Allen st.	Easterly	Private.	15	....	400
Charnwood road	Willow ave.	Hancock st.	Public.	40	589	....
Chauncey ave. (Fellsway)	Broadway	Mystic ave.	Public.	50	1,320	...
*Chelsea	Mystic ave.	Melrose st.	Private.	50	....	1,390
Cherry	Elm st.	Highland ave.	Public.	45	1,450	....
Chester	Elm st.	Cambridge line	Public	40	850	....
Chester ave.	Medford st.	Angle	Public.	about 22	220	....
Chester ave.	Angle	Cross st.	Private.	20	...	445
Chester pl.	Chester st.	Northwesterly	Private.	40	....	200
Chestnut	Poplar st.	Southeasterly	Private.	40	....	540
Church	Summer st.	Somerville ave.	Public.	40	560	....
Church (south)	Somerville ave.	Lake st.	Public.	40	340	....

* Proposed.

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Church St. pl.	Church st. (south)	Northwesterly	Private.	25	....	170
Claremon	Holland st.	Mead st.	Public.	40	560	....
Clarendon ave.	Broadway	Cambridge line	Public.	40	1,217	....
Clark	Newton st.	Lincoln parkway	Private.	35	....	545
Cleveland	Central st.	Elm pl.	Private.	40	....	270
Clifton	Appleton st.	Morrison ave.	Public.	40	240	....
Clifton	Morrison ave.	Arlington Br. R.R.	Private.	40	....	220
Clyde	Cedar st.	Murdock st.	Private.	30	....	600
College ave.	Davis sq.	Medford line	Public.	60	4,080	....
Columbia	Webster ave.	Cambridge line	Public	40	816	....
Columbia ct.	Columbia st.	Webster ave.	Private.	9	....	150
Columbus ave.	Washington st.	Walnut st.	Public.	40	1,352	....
Concord ave.	Prospect st.	Leon st.	Public.	40	1,500	....
Concord ave.	Leon st.	Beacon st.	Private.	30	....	470
Congress pl.	Linwood st.	Southwesterly	Private.	16	....	200
Conlon ct.	Columbia st.	Easterly	Private.	20	....	200
Conwell ave.	Curtis st.	North st.	Private.	40	....	1,349
Conwell	Highland ave.	Southwesterly	Public.	35	363	....
Cooney	Beacon st.	Line st.	Private.	30	....	220
Cottage ave.	Russell st.	Chester st.	Public.	40	500	....
Cottage circle	Cottage ave	Southwesterly	Private.	25	....	87
Cottage pl.	Washington st.	Northwesterly	Private.	about 11	....	150
Craigie	Somerville ave.	Summer st.	Public.	50	1,250	....
Crescent	Washington st.	Pearl st.	Private.	30 to 38	....	650
Crocker	Highland ave.	Crown st.	Public.	40	528	....
Cross	Medford st.	Broadway	Public.	45	2,650	....
Cross	Broadway	Mystic ave.	Public.	40	1,100	....
Cross St. pl.	Cross st.	Northwesterly	Private.	24	....	150
Crown	Porter st.	Lowell st.	Private.	30	....	700
Curtis ave.	Curtis st.	Northwesterly	Private.	40	....	700
Curtis	Broadway	Medford line	Public.	40	2,300	....
Cutler	Lawrence st.	Northwesterly	Private.	20	....	170
Cutter ave.	Summer st.	Highland ave.	Public.	40	430	....
Cutter pk.	Cutter ave.	Northwesterly	Private.	12	....	83
Cutter	Broadway	Webster st.	Public.	40	740	....
Cypress	Central st.	Beech st.	Public.	40	262	....
Dana	Bonair st.	Pearl st.	Public.	40	690	....
Dane	Somerville ave.	Washington st.	Public.	40	1,270	....
Dane ave.	Dane st.	Leland st.	Public.	30	569	....
Dartmouth	Medford st.	Broadway	Public.	40	1,450	....
Day	Elm st.	Cambridge line	Public.	40	940	....
Delaware	Aldrich st.	Pearl st.	Public.	40	451	....
Dell	Glen st.	Tufts st.	Public.	40	466	....
Derby	Temple st.	Grant st.	Public.	40	831	....
Derby	Grant st	Wheatland st.	Private.	40	....	200
Dexter	Broadway	Medford line	Private.	50	....	25
Dickinson	Springfield st.	Beacon st.	Public.	40	770	....
Dickson	Broadway	Fairmount ave.	Private.	40	....	271
Dimick	Concord ave.	Calvin st.	Public.	40	957	....
Distillhouse	South st.	Cambridge line	Private.	35	....	150
Dix pl.	Linwood st.	Southwesterly	Private.	10	....	100
Dover	Elm st.	Cambridge line	Public.	40	940	....
Downer pl.	Downer st.	B. & L. R. R.	Private.	20	....	125
Downer	Nashua st.	Southeasterly	Private.	20	....	120
Dresden circle	Cutter ave.	Westerly	Private.	30	....	133
Durham	Beacon st.	Hanson st.	Public.	40	423	....
Dynamo	Willow ave.	Whipple st.	Private.	30	....	255
Earle	South st.	Fitchburg R. R.	Private.	30	....	322
East Albion	Mt. Vernon ave.	E. of Moreland st.	Private.	25	....	188
East Albion	E. of Moreland st	Medford line	Private.	40	....	490
Eastman ter.	Highland ave.	Southwesterly	Public.	40	296	....
*Edgeworth	Mystic ave.	Melrose st.	Private.	50	....	1,380
Edmands	Broadway	to near Bonair st.	Public.	40	376	....
Edmonton ave.	Cross st.	Winthrop ave.	Private.	40	....	630
Electric ave.	Curtis st.	Packard ave.	Public.	40	681	....

* Proposed.

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Eliot	Vine st.	Park st.	Public.	40	260	....
Ellington road	Highland ave.	Northeasterly	Private.	35	....	120
Ellington road	West st.	Northwesterly	Private.	30	....	405
Ellsworth	Cross st.	Rush st.	Public.	40	210	....
Elm ct.	Villa ave.	Northwesterly	Private.	18	....	70
Elm pl.	Harvard st.	Easterly & west'ly	Private.	30	....	400
Elm	Somerville ave.	Cherry st.	Public.	63	1,590	....
Elm	Cherry st.	White st.	Public.	63 to 60	330	....
Elm	White st.	Banks st.	Public.	60	660	....
Elm	Banks st.	Beech st.	Public.	60 to 77.5	290	....
Elm	Beech st.	Tenney st.	Public.	77.5 to 60	570	....
Elm	Tenney st.	Davis sq.	Public.	60	1,420	....
Elmwood	Holland st.	Cambridge line	Public.	40	1,057	...
Elmwood ter.	Elmwood st.	Easterly	Private.	20	....	190
Elston	Elm st.	Summer st.	Public.	40	396	....
Emerson	Everett st.	Newton st.	Private.	30	....	170
Emery	Fitchburg R. R.	South st.	Private.	30	....	335
Endicott ave.	Broadway	Woodstock st.(Ext'n)	Private.	40	....	800
Essex	Medford st.	Richdale ave.	Public.	40	232	....
Eustis	Beacon st.	Southwest	Private.	30	....	150
Everett ave.	Cross st.	Dana st.	Public.	40	800	....
Everett	Webster ave.	Newton st.	Private.	30	....	350
Evergreen ave.	Marshall st.	Sycamore st.	Public.	40	1,320	....
Evergreen sq.	Porter st.	Southeasterly	Private.	8	....	200
Fairlee	Cherry st.	Northwesterly	Public.	30	144	....
Fairmount ave.	Curtis st.	Northwesterly	Private.	40	....	700
Fairview ter.	Sycamore st.	Southwesterly	Private.	15	....	173
Farragut ave.	Broadway	Woodstock st.(Ext'n)	Private.	40	....	840
Fellsway	Mystic ave.	Medford line	Public.	70 to 130	2,500	....
Fenwick	Broadway	Jaques st.	Public.	40	601	....
Fisk ave.	Hinckley st.	Lowell st.	Private.	20 & 25	....	460
Fitchburg ct.	Fitchburg st.	Southeasterly	Private.	10	....	225
Fitchburg	Linwood st.	B. & L. R. R.	Private.	40	....	400
Flint ave.	Flint st.	Northerly	Private.	40	....	200
Flint	Franklin st.	Aldrich st.	Public.	40	1,773	....
Florence	Washington st.	Perkins st.	Public.	40	1,280	....
Florence ter.	Jaques st.	Southwesterly	Private.	20	....	90
Forest	Beacon st.	Cambridge line	Public.	40	150	....
Forster	Sycamore st.	Central st.	Private.	30	....	430
Fosket	Willow ave.	Liberty ave.	Public.	40	668	....
Fountain ave.	Cross st.	Glen st.	Public.	30	578	....
Francesca ave.	College ave	Liberty ave.	Public.	40	762	....
Francis	Porter st.	Conwell st.	Private.	30	....	180
Franklin ave.	Washington st.	Franklin st.	Private.	20	....	500
Franklin pl.	Franklin st.	Southeasterly	Private.	15	....	100
Franklin	Broadway	Washington st.	Public.	40+	2,230	....
Frederick ave.	Willow ave.	Boston ave.	Private.	40	....	1,217
Fremont ave.	Bowdoin st.	Lincoln pk.	Private.	30	....	235
Fremont	Main st.	Meacham st.	Public.	40	612	....
Fremont	Meacham st.	Near Mystic ave.	Private.	40	....	785
Frost ave.	Somerville ave.	Dane st.	Private.	35	....	550
Garden ct.	Somerville ave.	Fitchburg R. R.	Private.	25	....	370
Garfield ave.	Broadway	Middlesex ave.	Private.	40	....	1,430
Garrison ave.	Broadway	Woodstock st.(Ext'n)	Private.	40	....	850
George	Broadway	Lincoln ave.	Public.	30	275	....
Gibbens	Central st.	Benton road	Public.	40	492	....
Gibbens	Benton rd.	Northwesterly	Private.	40	....	133
Giles pl.	Walnut st.	Northwesterly	Private.	32.71	....	168
Gill's ct.	Franklin st.	Westerly	Private.	10	....	100
Gilman	Cross st.	Walnut st.	Public.	40	1,430	....
Gilman ter.	Pearl st.	Northeasterly	Public.	40	360	....
Gilson ter.	Linden ave.	Northwesterly	Private.	20	....	124
Glen	Broadway	Tufts st.	Public.	40	2,300	....
Glendale ave.	Cameron ave.	Yorktown st.	Private.	40	....	410

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Glenwood rd.	Vernon st.	Broadway	Public.	40	1,507	....
Glover circle	Meacham road	Southeasterly	Private.	20	....	110
Gorham	Holland st.	Howard st	Public.	40	763	....
Gould ave.	Porter st.	Southeasterly	Private.	16	....	156
Gove ct.	Cedar st.	Southeasterly	Private.	15	....	145
Grand View ave.	Walnut st.	Vinal ave.	Public.	40	470	....
Granite	Somerville ave.	Osgood st.	Private.	40	....	400
Grant	Broadway	Jaques st.	Public.	40	536	....
Grant	Jaques st.	Mystic ave.	Private.	40	....	814
Greene	Summer st.	Laurel st.	Public.	40	555	....
Greenville	Medford st.	Munroe st.	Public.	40	660	....
Greenwood ter.	Beacon st.	Northeasterly	Private	25	....	165
Grove	Elm st.	Morrison ave.	Public.	40	985	....
Hadley ct.	Franklin st.	Westerly	Private.	20	....	150
Hall ave.	College ave.	Liberty ave.	Public.	40	926	....
Hall	Cedar st.	Cherry st.	Public.	30	456	....
Hamlet	Highland ave.	Southwesterly	Private.	30	....	400
Hammond	Dickinson st.	Concord ave.	Public.	40	267	....
Hancock	Elm st.	Highland ave.	Public.	40	1,302	....
Hancock	Highland ave.	Lexington ave.	Public.	50	376	....
Hanson ave.	Hanson st.	Easterly	Private.	30	....	252
Hanson	Washington st.	Vine st.	Private.	35	...	750
Harcourt	Dimick st.	Harold st.	Private.	40	....	285
Harding	South st.	Cambridge line	Private.	30	....	115
Harold	Dimick st.	Northerly	Private.	40	....	429
Harris	Beacon st.	Cambridge line	Private.	35	....	150
Harrison	Ivaloo st.	Kent st.	Public.	40	644	....
Harrison	Elmwood st.	Southeasterly	Private.	40	....	210
Harvard pl.	Harvard st.	Westerly	Private.	35	....	200
Harvard	Summer st.	Beech st.	Public.	40	650	....
Hathorn	Broadway	Arlington st.	Public.	40	330	....
Hawkins	Somerville ave.	Washington st.	Public.	40	330	....
Hawthorne	Willow ave	Cutter ave.	Private.	30	....	810
Hayden ter.	Linden ave.	Easterly	Private.	20	....	120
Heath	Temple st.	Bond st.	Public.	45	1,043	....
Heath	Bond st.	Moreland st.	Private.	40	....	750
Henderson	Richardson st.	B. & L. R. R.	Private.	20	....	535
Hennessy ct.	Medford st.	Fisk ave.	Private.	20	....	250
Henry ave.	Highland ave.	Lexington ave.	Public.	40	290	....
Herbert	Chester st.	Day st.	Public.	40	360	....
Hersey	Berkeley st.	Oxford st.	Private.	40	....	230
Highland ave.	Medford st.	Davis sq.	Public.	60	9,100	....
Highland rd.	Morrison ave.	Boston ave.	Private.	70	....	1,500
Hill	Broadway	Fairmount ave.	Private.	40	....	236
Hillside ave.	Pearl st.	Southwesterly	Private.	30	....	150
Hillside pk.	Walnut st.	Northwesterly	Public.	40	196	....
Hinckley	Broadway	Lawrence st.	Private.	30	....	430
Hodgdon pl.	Dane ave.	Northeasterly	Private.	about 20	....	150
Holland	Davis sq.	Broadway	Public.	60	2,650	....
Holt's ave.	Oak st.	Southeasterly	Private.	10	....	100
Holyoke road	Elm st.	Elm st.	Private.	40	....	640
Homer sq.	Bonner ave.	Northwesterly	Public.	30+	200	....
Horace	South st.	Fitchburg R. R.	Private.	30	....	510
Houghton	Springfield st.	Cambridge line.	Public.	40	653	....
Howard	Thorndike st.	Gorham street	Private.	40	....	430
Howe	Marshall st.	School st.	Public.	40	445	....
Hudson	Central st.	Cedar st.	Public.	40	2,760	....
Hunting	South st.	Cambridge line	Private.	30	....	125
Ibbetson	Somerville ave.	Lowell st.	Public.	40	802	....
Irving	Holland st.	Broadway	Public	40	1,180	....
Ivaloo	Beacon st.	Park st.	Public.	40	650	....
James	Pearl st.	Veazie st	Public.	40	320	....
Jaques	Chauncey ave.	Temple st.	Public.	40	1,200	....
Jaques	Temple st.	Bond st.	Public.	45	1,050	....

Table Showing the Location, Length and Width of Public and Private Streets.—Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Jasper pl.	Jasper st.	Walnut st.	Private.	20	....	225
Jasper	Pearl st.	Gilman st.	Private.	40	....	300
Jay	Holland st.	Howard st.	Public.	40	534	....
Jerome ct.	Sycamore st.	Jerome st.	Private.	10	...	150
Jerome	Montrose st.	Jerome ct.	Private.	20	....	125
Joseph	Newton st.	Lincoln parkway	Public.	40	458	....
Josephine ave.	Morrison ave.	Broadway	Private.	45	....	1,715
Joy	Washington st.	Poplar st.	Public.	30	1,121	....
Joy St. pl.	Joy st.	Southwesterly	Private.	30	....	175
Kenneson road	Broadway	Southwesterly	Private.	30	....	270
Kensington ave.	Broadway	Blakeley ave.	Public.	40	455	....
*Kensington ave.	Blakeley ave.	Middlesex ave.	Private.	40	....	1,150
Kent ct.	Kent st.	Northerly	Private.	about 25	....	420
Kent	Somerville ave.	Fitchburg R. R.	Public.	40	292	....
Kent	Fitchburg R. R.	Beacon st.	Public.	25	386	....
Kenwood	College ave.	Billingham st.	Public.	40	322	....
Kidder ave.	College ave.	Liberty ave.	Public.	40	625	....
Kidder ave.	Liberty ave.	Willow ave.	Private.	40	....	655
Kilby	Somerville ave.	Southwesterly	Private.	20	....	180
Kimball	Lowell st.	Craigie st.	Private.	40	....	303
Kingman ct.	Washington st.	Fitchburg R. R.	Private.	25	....	400
Kingston	Meacham road	Cambridge line	Public.	40	647	....
Knapp	School st.	Granite st.	Public.	40	379	....
Knowlton	Tufts st.	N'Ely line Est. 37	Public.	40	461	....
Knowlton	End of above	Oliver st.	Private.	40	....	464
Lake	Hawkins st.	Church st.	Public.	40	860	....
Lamson ct.	Linwood st.	Poplar st.	Private.	20	....	370
Landers	School st.	Westerly	Private.	40	....	280
Laurel ave.	Laurel st.	Northwesterly	Private.	18	...	125
Laurel	Somerville ave.	Summer st.	Public.	40	940	....
Lawrence	Hinckley st.	B. & L. R. R.	Private.	35	...	650
Lawrence	Boston ave.	Southwesterly	Private.	35	....	710
Lawson ter.	Putnam st.	Easterly	Private.	5	....	200
Lee	Medford st.	Richdale ave.	Public.	40	385	....
Leland	Washington st.	Dane ave.	Private.	40	....	365
Leon	Concord ave.	Dickinson st.	Public.	40	155	....
Leonard pl.	Joy st.	Northeasterly	Private.	13+	....	98
Lesley ave.	Highland ave.	Lexington ave.	Public.	40	333	....
Leslie pl.	Highland ave.	Northerly	Private.	12	....	75
Lester ter.	Meacham road	Northwesterly	Private.	20	....	190
Lexington ave.	Willow ave.	Hancock st.	Private.	50	....	630
Lexington ave.	Hancock st.	Cedar st.	Private.	45 and 40	....	721
Liberty ave.	Hall ave.	Broadway	Public.	40	1,395	....
Liberty ave.	Hall ave.	Appleton st.	Private.	40	....	100
Lincoln ave.	Lincoln st.	Mt. Vernon st.	Public.	30	478	....
Lincoln parkway	Washington st.	Perry st.	Public.	40	1,520	....
Lincoln pl.	Lincoln ave.	Northerly	Private.	9	....	120
Lincoln	Broadway.	Perkins st.	Public.	40	550	....
Linden ave.	Elm st.	Summer st.	Public.	45	1,050	....
Linden ave.	Summer st.	Northeasterly	Private.	45	....	250
Linden circle	Linden ave.	Southeasterly	Private.	24	....	120
Linden pl.	Linden ave	Northwesterly	Private.	20	....	160
Linden	Somerville ave.	Fitchburg R. R.	Private.	30	....	705
Line	Washington st.	Cambridge line	Public.	30	1,727	....
Linehan ct.	Linwood st.	Chestnut st.	Private.	about 15	....	200
Linwood pl.	Linwood st.	Southwesterly	Private.	about 12	....	150
Linwood	Somerville ave.	Washington st.	Public.	50	2,050	....
London	Linwood st.	B. & L. R. R.	Private.	40	....	340
Loring	Somerville ave.	Northeasterly	Private.	40	....	400
Louisburg pl.	Autumn st.	Easterly	Private.	13	....	90
Lovell	Broadway	Electric ave.	Private.	40	....	385
Lowden ave.	Broadway	Fosket st.	Private.	40	....	1,205
Lowell	Somerville ave.	Summer st.	Public.	36	1,259	....
Lowell	Summer st.	Crown st.	Private.	33+	....	349

* Proposed.

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Lowell	Crown st.	Albion st.	Public.	40	972	....
Lowell	Albion st.	L. & A. Br'ch R.R.	Private.	40	....	540
Lowell	B. & L. R. R.	Vernon st.	Private.	33+	....	60
Lowell	Vernon st.	Medford st.	Public.	40	1,141	....
Lowell ter.	Lowell st.	Northwesterly	Private.	20	....	150
Madison	School st.	Sycamore st.	Public.	40	891	....
Main	Broadway	Medford line	Public.	50	950	....
*Malden	Mystic ave.	Melrose st.	Private.	50	....	1,360
Mallet	Willow ave.	Liberty ave.	Private.	40	....	580
Malloy ct.	Somerville ave.	Merriam st.	Private.	30	...	255
Malvern ave.	Cameron ave.	Yorktown st.	Private.	40	....	410
Manila road	Beacon st.	Sacramento st.	Private.	40	....	408
Mansfield	Somerville ave.	Washington st.	Public.	40	735	....
Maple ave.	School st.	Southeasterly	Private.	40	....	300
Maple pl.	Marshall st.	Maple ave.	Private.	5	....	125
Maple	Poplar st.	Medford st.	Public.	30	699	....
Marion	Concord ave.	Wyatt st. N'w'ly	Public.	40	705	....
Marshall	Broadway	Pearl st.	Public.	40	1,650	....
May pl.	Hawkins st.	Easterly	Private.	12	....	100
McCulphe pl.	Medford st.	Easterly	Private.	10	....	110
McGregor ave.	Wigglesworth st.	Walnut st.	Private.	about 10	....	250
Meacham road	Dover st.	Cambridge line	Public.	40	1,060	....
Meacham	Mt. Vernon ave.	Medford line	Private.	40	....	800
Mead	Cameron ave.	Moore st.	Private.	40	....	340
Medford	Cambridge line	Central st.	Public.	50	8,150	....
Medford	Central st.	Broadway	Public.	55	1,950	....
Melburn pl.	Summer st.	Northeasterly	Private.	30	....	125
Melledew ct.	Belmont st.	Easterly	Private.	15	....	137
Melrose	Mystic ave.	Middlesex ave.	Private.	50	....	2,310
Melvin	Broadway	Bonair st.	Public.	40	487	....
Merriam ave.	Merriam st.	Malloy ct.	Private.	15	....	255
Merriam	Somerville ave.	Charlestown st.	Private.	30	....	500
Middlesex ave.	Mystic ave.	Fellsway	Public.	60	2,250	....
Milk pl.	Somerville ave.	Southwesterly	Private.	about 30	....	100
Miller	Sacramento st.	Beacon st.	Private.	33	....	465
Milton	Orchard st.	Cambridge line	Private.	35	....	220
Miner	Vernon st.	Ames st.	Public.	40	244	....
Mondamin ct.	Ivaloo st.	Harrison st.	Private.	25	....	250
Monmouth	Central st.	Westerly	Public.	40	267	....
Monmouth	End of above	Harvard st.	Private.	35	....	200
Montgomery ave.	Broadway	Wellington ave.	Public.	40	265	....
Montrose ct.	Montrose st.	B. & L. R. R.	Private.	12	....	110
Montrose	School st.	Sycamore st.	Public.	40	886	....
Moore	Holland st.	Mead st.	Public.	40	695	....
Moreland	Main st.	Mystic ave.	Private.	40	....	1,513
Morgan	Beacon st.	Park st.	Public.	40	350	....
Morrison ave.	Cedar st.	Willow ave.	Public.	50	1,366	....
Morrison ave.	Willow ave.	College ave.	Public.	40	1,700	....
Morrison pl.	Morrison ave.	Northerly	Private.	20	....	190
Morrison pl.	Morrison pl.	Easterly	Private.	15	....	175
Mortimer pl.	Marshall st.	Walter st.	Private.	20	....	280
Morton	Glen st.	Knowlton st.	Public.	40	287	....
Mossland	Somerville ave.	Elm st.	Public.	40	350	....
Mountain ave.	Linden ave.	Porter st.	Private.	22	....	310
Mousal pl.	North Union st.	B. & M. R. R.	Private.	20	....	200
Mt. Pleasant ct.	Perkins st.	Southwesterly	Private.	40	....	260
Mt. Pleasant	Broadway	Perkins st.	Public.	33	570	....
Mt. Vernon ave.	Main st.	Meacham st.	Private.	50	....	800
Mt. Vernon	Washington st.	Pearl st.	Public.	40	600	....
Mt. Vernon	Pearl st.	Perkins st.	Public.	50	450	....
Mt. Vernon	Perkins st.	Broadway	Public.	40	600	....
Munroe	Walnut st.	Easterly	Public.	40	375	....
Munroe	End of above	Boston st.	Public.	50	1,214	....
Murdock	Cedar st.	Clyde st.	Private.	30	....	900
Murray	Washington st.	Southerly	Private.	30	....	250
Museum	Beacon st.	Cambridge line	Public.	40	164	....
Myrtle ct.	Myrtle st.	Easterly	Private.	10	....	100

* Proposed.

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Myrtle pl.	Myrtle st.	Westerly	Private.	20+	....	120
Myrtle	Washington st.	Perkins st.	Public.	40	1,400	....
Mystic ave.	Charlestown line	Union st.	Public.	60	350	....
Mystic ave.	Union st.	Medford line	Public.	66	6,900	....
Mystic	Washington st.	Somerville ave.	Public.	40	360	....
Mystic	Benedict st.	Mystic ave.	Private.	40	....	330
Nashua	Richardson st.	B. & L. R. R.	Private.	35	....	640
Nevada ave.	Village st.	Hanson st.	Private.	20	....	200
Newberne	Appleton st.	Morrison ave.	Public.	40	200	....
Newberne	Morrison ave.	B. & L. R. R.	Private.	40	....	173
Newbury	Holland st.	Cambridge line	Public.	40	1,250	...
Newman pl.	Cedar st.	Southeasterly	Private.	15	....	100
Newton pl.	Newton st.	Easterly	Private.	about 10	....	100
Newton	Prospect st.	Webster ave.	Public.	25	470	....
Newton	Webster ave.	Concord ave.	Public.	40+	650	....
Norfolk	Webster ave.	Cambridge line	Public.	40	200	....
North	Broadway	Medford line	Public.	40	2,550	....
North Union	Mystic ave.	Northeasterly	Private.	30	....	600
Norton	Nashua st.	Southeasterly	Private.	20	....	200
Norwood ave.	Broadway	Medford st.	Public.	40	350	....
Oak	Prospect st.	Angle	Public.	40	670	....
Oak	Angle	Cambridge line	Public.	30	563	....
Oak St. pl.	Oak st.	Northerly	Private.	4	....	85
Oakland ave.	Marshall st.	School st.	Public.	40	440	....
Olive ave.	Linden ave.	Southeasterly	Private.	25	....	155
Olive sq.	Lake st.	Southerly	Private.	about 15	....	100
Oliver	Franklin st.	Cross st.	Public.	40	1,050	....
Orchard	Cambridge line	Meacham road	Public.	40	1,625	....
Osgood	Granite st.	Easterly & west'ly	Private.	40	....	450
Ossipee road	Packard ave.	Curtis st.	Private.	40	....	682
Otis	Cross st.	Wigglesworth st.	Public.	40	1,200	....
Oxford	School st.	Central st.	Public.	35	1,361	...
Oxford	Beacon st.	Cambridge line	Public.	50	100	....
Packard ave.	Broadway	Professors row	Public.	60	1,758	....
Packard ave.	Professors row	Medford line	Private.	60	....	242
Palmer ave.	Franklin st.	Northwesterly	Private.	20	....	200
Park ave.	College ave.	Wallace st.	Public.	40	450	....
Park pl.	Laurel st.	Easterly	Private.	30	....	220
Park pl.	Park pl.	Northeasterly	Private.	20	....	150
Park	Somerville ave.	Beacon st.	Public.	50	1,300	....
Parker pl.	Porter st.	Northwesterly	Private.	20	....	150
Parker	Washington st.	Fremont ave.	Private.	35	....	200
Partridge ave.	Vernon st.	Broadway	Public.	40	1,457	....
Patten ct.	Cutter st.	Southeasterly	Private.	8	....	100
Paulina	Broadway	Holland st.	Private.	40	....	775
Pearl	Crescent st.	Mt. Vernon st.	Public.	37	341	....
Pearl	Mt. Vernon st.	Franklin st.	Public.	50	950	....
Pearl	Franklin st.	Cross st.	Public.	40	1,025	....
Pearl	Cross st.	Medford st.	Public.	50	2,475	....
Pearl St. pl.	Pearl st.	Northeasterly	Private.	20	....	200
Pearl ter.	Pearl st.	Northerly	Private.	23	....	161
Pearson ave.	Morrison ave.	Boston ave.	Private.	45	....	1,300
Pearson road	Broadway	Professors row	Private.	40	....	1,654
Pembroke ct.	Pembroke st.	Southwesterly	Private.	25	....	130
Pembroke	Central st.	Sycamore st.	Public.	40	430	....
Perkins pl.	Perkins st.	Northeasterly	Private.	20	....	200
Perkins	Franklin st.	Charlestown line	Public.	40	1,350	....
Perry	Washington st.	Lincoln parkway	Public.	40	606	....
Peterson ter.	Porter st.	Northwesterly	Private.	13+	....	155
Pinckney pl.	Pinckney st.	Southeasterly	Private.	24	....	125
Pinckney	Washington st.	Perkins st.	Public.	40	1,170	....
Pitman	Beech st.	Spring st.	Private.	30	....	380
Pitman	Spring st.	Belmont st.	Private.	26	....	390
Pleasant ave.	Walnut st.	Vinal ave.	Public.	40	470	....

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Poplar ct.	Poplar st.	Southeasterly	Private.	10	....	80
Poplar	Somerville ave.	Linwood st.	Public.	30	351	....
Poplar	Linwood st.	Joy st.	Public.	35	315	...
Poplar	Joy st.	B. & L. R. R.	Private.	35	....	65
Porter ave.	Porter st.	Northwesterly	Private.	20	....	220
Porter pl.	Porter st.	Northwesterly	Private.	20	....	195
Porter	Elm st.	Mountain ave.	Public.	45	1,560	....
Porter	Mountain ave.	Highland ave.	Public.	40	425	....
Powder house boulevard	Powder house square	Northwesterly, Mystic river and Medford line	Public.	80	7,200	....
Powder house ter.	Kidder ave.	Liberty ave.	Public.	40	585	....
Prescott	Summer st.	Highland ave.	Public.	50	1,050	....
Preston road	School st.	Summer st.	Public.	40	800	....
Princeton	Alpine st.	Lowell st.	Public.	40	657	....
Princeton	Lowell st.	Centre st.	Private.	40	....	540
Pritchard ave.	Morrison ave.	Boston ave.	Private.	40	....	1,145
Professors row	Boston ave.	College ave.	Private.	50	....	460
Professors row	College ave.	Curtis st.	Public.	40	2,000	....
Prospect	Washington st.	Cambridge line	Public.	50	2,050	....
Prospect Hill av.	Medford st.	Munroe st.	Public.	40	450	....
Prospect Hill p'k'y	Munroe st.	Stone ave.	Public.	40	400	....
Prospect pl.	Prospect st.	E. Newton st.	Private.	20	....	130
Putnam	Summer st.	Highland ave.	Public.	50	1,240	....
Quincy	Somerville ave.	Summer st.	Public.	40	700	....
Randolph pl.	Cross st.	Westerly	Private.	15	....	244
Raymond ave.	Curtis st.	North st.	Public.	40	1,345	....
Record's pl.	Broadway	Southwesterly	Private.	10	....	110
Reed's ct.	Oliver st.	Southwesterly	Private.	20	....	105
Remick ct.	Cutter st.	Southeasterly	Private.	10	....	100
Richardson	Lowell st.	Lawrence st.	Private.	35	....	480
Richardson ter.	Richardson st.	Northeasterly	Private.	20	....	135
Richdale ave.	School st.	Sycamore st.	Public.	40	875	....
Richmond hi'h'ds	Madison st.	Southerly	Private.	30	....	150
Roberts	Lawrence st.	Northwesterly	Private.	20	....	170
Robinson	Central st.	Bartlett st.	Public.	40	582	....
Rogers ave.	Morrison ave.	Boston ave.	Public.	45	1,682	....
Roland st.	Waverly st.	Boston line	Private.	40	....	100
Roseland	Beacon st.	Cambridge line	Public.	40	100	....
Rossmore	Somerville ave.	Washington st.	Public.	40	534	....
Royce pl.	Bonair st.	Northeasterly	Private.	15+	....	175
Rush	Broadway	Flint st.	Public.	40	1,400	....
Russell road	Broadway	North st.	Private.	40	....	1,193
Russell	Elm st.	Cambridge line	Public.	40	700	....
Sacramento	Somerville ave.	Fitchburg R. R.	Public.	40	80	....
Sacramento	Fitchburg R. R.	Beacon st.	Public.	40	290	....
Sacramento	Beacon st.	Cambridge line	Private.	40	....	156
Sanborn ave.	Warren ave.	Walnut st.	Public.	40	280	....
Sanborn ct.	Washington st.	Northwesterly	Private.	30	....	176
Sargent ave.	Broadway	Walnut st.	Public.	40	1,082	....
Sartwell ave.	Cedar st.	Cherry st.	Private.	35	....	400
Sawyer ave.	Packard ave.	Curtis st.	Private.	40	....	690
School	Somerville ave.	Highland ave.	Public.	40	1,870	....
School	Highland ave.	Broadway	Public.	50	2,500	....
Sellon pl.	Marshall st.	Northwesterly	Private.	12	....	120
Seven Pines ave	Cameron ave.	Cambridge line	Private.	40	....	80
Sewall ct.	Sewall st.	Southwesterly	Private.	25	....	190
Sewall	Grant st.	Temple st.	Public.	40	615	....
Shawmut pl.	Shawmut st.	Alston st.	Private.	30	....	200
Shawmut	Washington st.	Cross st.	Public.	40	550	....
Shedd	Somerville ave.	Merriam ave.	Private.	40	....	310
Sherman ct.	Sargent ave.	Marshall st.	Private.	10	....	250
Sherman	Somerville ave.	Frost ave.	Private.	35	....	270
Sibley ct.	Cutter st.	Northwesterly	Private.	10	....	100
Sibley pl.	Cutter st.	Northwesterly	Private.	10	....	100

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Simpson ave.	Broadway	Holland st.	Private.	40	....	825
Skehan	Dane st.	Durham st.	Private.	30	....	720
Skilton ave.	Pearl st.	Pearl st.	Private.	40	....	540
Smith ave.	Beacon st.	Line st.	Private.	25+	....	200
Snow pl.	Belmont st.	Easterly	Private.	30	....	75
Snow pl.	Snow pl.	N'th'ly and S'th'ly	Private.	20	....	222
Snow ter.	Jaques st.	Southwesterly	Private.	16	....	120
Somerville ave.	E. Camb. line	Union sq.	Public.	75	4,300	....
Somerville ave.	Union sq.	N. Camb. line	Public.	70	6,800	....
South	Medford st.	Water st.	Public.	30	989	....
Spencer ave.	Cedar st.	Hancock st.	Public.	40	727	....
Spring ct.	Somerville ave.	Westerly	Private.	20	....	200
Spring	Somerville ave.	Summer st.	Public.	40	1,200	....
Springfield	Concord ave.	Cambridge line	Public.	40	800	....
Spring Hill ter.	Highland ave.	Belmont st.	Private.	20	....	670
Stanford ter.	Beacon st.	Northeasterly	Private.	20	....	200
Stickney ave.	Marshall st.	School st.	Public.	40	458	....
St. James ave.	Elm st.	Summer st.	Public.	40	488	....
Stone ave.	Union sq.	Columbus ave.	Public.	40	676	....
Stone ave.	Columbus ave.	Prospect Hill p'k'y	Public.	38	107	....
Stone pl.	Stone ave.	Southeasterly	Private.	30	....	145
Summer	Bow st.	Elm st.	Public.	45	1,700	....
Summit ave.	Walnut st.	Vinal ave.	Public.	45	470	....
Summit	College ave.	Billingham st.	Public.	40	262	....
Sumner	Lawrence st.	Northwesterly	Private.	20	....	175
Sunnyside ave.	Walnut st.	Wigglesworth st.	Private.	35	....	250
Sycamore	Broadway	Medford st.	Public.	45	1,250	....
Sycamore	Medford st.	B. & L. R. R.	Public.	40	582	....
Sycamore	B. & L. R. R.	Highland ave.	Public.	35	660	....
Sydney	Grant st.	Temple st.	Public.	40	679	....
Talbot ave.	Packard ave.	College ave.	Private.	50	....	1,409
* Tannery (Ext'n)	Cambridge line	Woodstock st. (Ext'n)	Private.	40	....	160
Taunton	Wyatt st.	Easterly to angle	Private.	30	....	170
Taunton	Angle	Marion st.	Private.	20	....	95
Taylor pl.	Somerville ave.	Southerly	Private.	15	....	200
Taylor	Mystic ave.	Sydney st.	Private.	40	....	310
Teele ave.	Packard ave.	Curtis st.	Private.	40	....	685
Temple	Broadway	Mystic ave.	Public.	66	1,540	....
Tenney ct.	Mystic ave.	Northeasterly	Private.	30	....	400
Tennyson	Forster st.	Pembroke st.	Public.	40	869	....
Thorndike	Holland st.	Arl'ngt'n Br. R. R.	Public.	40	465	....
Thorndike	Arl'gt'n Br. R. R.	Kingston st.	Public.	40	115	....
Thorpe pl.	Highland ave.	Southwesterly	Private.	30	....	450
Thurston	Broadway	Richdale ave.	Public.	40	1,660	....
Tower ct.	Tyler st.	Northeasterly	Private.	25	....	150
Tower	Crown st.	Highland ave.	Public.	40	559	....
Tremont pl.	Tremont st.	Southeasterly	Private.	about 10	....	75
Tremont	Webster ave.	Cambridge line	Public.	40	589	....
Trull	Vernon st.	Medford st.	Public.	40	1,050	....
Trull lane	Highland ave.	Oxford st.	Private.	15	....	200
Tube Works ct.	Somerville ave.	Southwesterly	Private.	20	....	150
Tufts parkway	College ave.	College ave.	Public.	22	900	....
Tufts	Washington st.	Cross st.	Public.	40	940	....
Tyler	Vine st.	Dane st.	Public.	40	404	....
Unnamed st.	Ware st.	Powder h'se blvd.	Private.	20-40	....	283
Unnamed st. (Highway and Water Dept. grounds)	Broadway	Cedar st.	Private.	45	....	980
Union	Broadway	Mystic ave.	Public.	40	330	....
Union pl.	Linwood st.	Southwesterly	Private.	10	....	100
Upland Park	Main st.	Southwesterly	Private.	20	....	175

*Proposed.

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Veazie	Walnut st.	Bradley st.	Public.	35	392	....
Veazie	Bradley st.	Northwesterly	Private.	40	....	90
Vernon	Central st.	Glenwood road	Public.	40	740	....
Vernon	Glenwood road	Lowell st.	Private.	30	....	600
Victoria	Broadway	Cambridge line	Private.	40	....	1,036
Villa ave.	Winslow ave.	Arlington Br. R. R.	Private.	35	....	200
Village	Dane st.	Vine st.	Private.	25	....	370
Vinal ave.	Summer st.	Highland ave.	Public.	45	1,400	....
Vinal	Richardson st.	Northeasterly	Private.	20	....	200
Vine ct.	Vine st.	Northwesterly	Private.	25	....	140
Vine	Somerville ave.	Hanson st.	Private.	40	....	780
Vine	Hanson st.	Beacon st.	Private.	25	....	650
Virginia	Aldrich st.	Jasper st.	Public.	40	405	....
Wade ct.	Cedar st.	Westerly	Private.	20	....	180
Waldo ave.	Beacon st.	Dimick st.	Private.	40	....	277
Waldo	Highland ave.	Hudson st.	Public.	40	287	....
Wallace	Holland st.	Broadway	Public.	40	1,350	....
Walnut	Bow st.	Broadway	Public.	40	3,830	....
Walter pl.	Walter st.	Southwesterly	Private.	40	....	222
Walter	Walnut st.	about 100 ft. N. of Bradley st.	Public.	40	548	....
Ward	Medford st.	Earle st.	Private.	30	....	610
Ware	Curtis st.	Northwesterly	Private.	40	....	700
Warner	Powder House sq.	Medford line	Public.	60	500	....
Warren ave.	Union sq.	Columbus ave.	Public.	40	650	....
Warren	Medford st.	Cambridge line	Private.	30	....	100
Warwick place	Warwick st.	Northeasterly	Private	15	....	150
Warwick	Cedar st.	Warwick pl.	Public.	40	655	....
Washington ave.	Washington st.	Northerly	Private.	18	....	350
Washington	Charlest'n line	Franklin ave.	Public.	75	1,060	....
Washington	Franklin ave.	Fitchburg R. R.	Public.	60 to 100	3,870	....
Washington	Fitchburg R. R.	Cambridge line	Public	60	2,380	....
Water	South st.	Northerly	Private.	25	....	250
Waterhouse	Broadway	Cambridge line	Private.	40	....	986
Watson	Broadway	Fairmount ave.	Private.	40	....	236
Waverly	Washington st.	Roland st.	Private.	35	....	200
Webster ave.	Union sq.	Cambridge line	Public.	49.5	1,950	....
Webster	Franklin st.	Cross st.	Public.	40	1,000	....
Wellington ave.	Walnut st.	Montgomery ave.	Public.	40	215	....
Wellington ave.	Montgomery ave.	Easterly	Private.	40	....	85
Wesley pk.	Wesley sq.	Northeasterly	Public.	40	405	....
Wesley	Pearl st.	Otis st.	Public.	40	515	....
West	Broadway	Heath st.	Private.	30	....	250
West	Hawthorne st.	Arlington Br. R. R.	Private.	30	....	460
Westminster	Broadway	Electric ave.	Public.	40	376	....
Weston ave.	Clarendon ave.	Broadway	Private.	40	....	525
Westwood road	Central st.	Benton road	Public.	40	489	....
Wheatland	Broadway	Jaques st.	Public.	40	495	....
Wheatland	Jaques st.	Mystic ave.	Private.	40	....	855
Wheeler	Pinckney st.	Mt. Vernon st.	Public.	40	269	....
Whipple	Highland ave.	Arlington Br. R. R.	Private.	30	....	318
†White	Elm st.	Cambridge line	Public.		307	....
White St. pl.	White st.	Southeasterly	Private.	20	....	200
Wigglesworth	Bonair st.	Pearl st.	Public.	40	740	....
William	Chandler st.	College ave.	Public.	40	381	....
William	Broadway	Medford line	Private.	50	....	45
Williams ct.	Porter st.	Northwesterly	Private.	30	....	150
Willoughby	Central st.	Sycamore st.	Public.	40	427	....
Willow ave.	Elm st.	Broadway	Public.	50	3,440	....
Willow pl.	Cambridge line	South st.	Private.	25	....	150
Wilson ave.	Broadway	B. & L. R. R.	Private.	20	....	310
Wilton	Lowell st.	Lawrence st.	Public.	35	470	....
Winchester	Broadway	Medford line	Private.	40	....	65
Windom	Elm st.	Summer st.	Public.	40	300	....

†Sidewalk in Somerville.

Table Showing the Location, Length and Width of Public and Private Streets. — Concluded.

Street.	From.	To	Public or Private	Width in Feet.	Length.	
					Public.	Private.
Windsor road . .	Willow ave. . .	Hancock st. . .	Public.	40	575	....
Winslow ave. . .	College ave. . .	Clifton st. . . .	Public.	40	1,096	....
Winter	College ave. . .	Holland st. . . .	Public.	30	402	....
Winter Hill cir. .	Broadway . . .	Northeasterly . .	Private.	25	....	177
Winthrop ave. (Fellsway.) .	Broadway . . .	Mystic ave. . . .	Public.	50	1,170	....
Winthrop ave. (Extension.) .	Mystic ave. . .	Middlesex ave. .	Private.	40	....	583
Woodbine . . .	Centre st. . .	Lowell st. . . .	Private.	30	....	600
*Woods ave. . .	North st. . . .	Alewife brook . .	Private.	40	....	1,350
Woodstock . . .	Victoria st. . .	Alewife brook . .	Private	40	....	415
*Woodstock (Extension.) .	Victoria st. . .	Tannery st. (Ext'n.)	Private.	40	....	920
Wyatt circle . .	Wyatt st. . .	Wyatt st. . . .	Private.	20	...	315
Wyatt	Concord ave. .	Lincoln parkway .	Public.	40	496	....
Yorktown . . .	100 ft. north of Malvern ave.	Cambridge line .	Private.	40	....	548

*Proposed.

Court	16 Craigie st. .	Westerly . . .	Private.	25	....	126
Court	26 Craigie st. .	Westerly . . .	Private.	25	....	126
Court	36 Craigie st. .	Westerly . . .	Private.	25	....	126
Court	292 Broadway .	Southwesterly . .	Private.	15	....	96
Court	58 Dane st. . .	Easterly	Private.	10	....	70
Court	66 Lowell st. .	Westerly . . .	Private.	25	....	101
Court	78 Lowell st. .	Westerly . . .	Private.	25	....	101
Court	Olive ave. . .	Porter st. . . .	Private.	7.5	....	156
Court	10 Stone ave .	Northwesterly . .	Private.	20	....	113
Court	21 Albion st . .	Northeasterly . .	Private.	10	....	100
Court	227 Columbia st.	Northwesterly . .	Private.	10	....	117
Court	11 Albion st. .	Northeasterly . .	Private.	9	....	170
Court	20 Dimick st. .	Southwesterly . .	Private.	39.25	....	126
Court	612 Broadway .	Southwesterly . .	Private.	20	....	186
Total . .	. . . . .	. . . . .	. . .	. . .	354,236	135,606

Public, 67.090 miles (includes 2.843 miles boulevards); private, 25.700 miles.

Total length of streets in the city, 92.790 miles.

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31st Annual Report

of the

City Engineer

of the

City of Somerville

Massachusetts

1904

THIRTY-FIRST

ANNUAL REPORT

OF THE

Compliments of

ERNEST W. BAILEY,

City Engineer

SOMERVILLE JOURNAL PRINT
1905

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NATHAN TUFTS PARK, SOMERVILLE, MASS.
Old Mill, Provincial and Revolutionary Powder House

REPORT OF THE CITY ENGINEER.

OFFICE OF THE CITY ENGINEER,
CITY HALL, SOMERVILLE, January 18, 1905.

To His Honor, the Mayor, and the Board of Aldermen:—

Gentlemen,—In accordance with the provisions of the city charter, the following report of the work done and expense incurred for the year ending December 31, 1904, by the departments under my charge and supervision, including Engineering, Sewers Construction, Sewers Maintenance, Public Grounds, and other public works, is herewith presented.

ENGINEERING DEPARTMENT.

Statement of Expenses, 1904.

Salary City Engineer (including maintenance of team)	$2,800 00	
Salaries of assistants	7,818 33	
Stakes, tools, and general supplies (outside work)	77 14	
Draughting materials and office supplies (inside work)	140 18	
Setting stone bounds for defining street lines	35 88	
Car fares	188 40	
Telephone, postage, and incidentals	150 72	
Boston & Maine Railroad, engineering services, subway	190 53	
Total expenditure in the department	$11,401 18	
Transferred to other departments	602 82	
Total debit		$12,004 00

CREDIT.

Appropriation	$11,900 00	
Amount received from making acceptance plans	104 00	
Total		$12,004 00

Classification of Expenditures, Assistants' Salaries.

Sewers,—comprising surveys, estimates, profiles, lines, grades, titles, plans, assessments, and all engineering work relating to sewers	$2,068 71
Highways,—comprising plans, estimates, titles, profiles, lines and grades, and all other engineering relating to the department	785 90
Sidewalks,—comprising profiles, lines, grades, measurements, titles, costs, and assessments	1,011 96
Water Works,—comprising lines, grades, locations of mains, gates, hydrants and services, and other matters relating to water department	266 34
Public Grounds,—comprising surveys, plans, estimates, profiles and grades, including laying out of parks and grounds	360 78
Public Buildings,—comprising surveys, estimates, lines and grades, and other work relating to construction	84 99
Street Numbering,—comprising locations of buildings, plans and affixing street numbers on houses	332 58
Street Lines and Grades,—comprising establishing of lines, grades, and miscellaneous data given parties for building and grading	211 18
Middlesex Registry,—comprising copying of plans and abstracts from deeds and examination of titles filed at East Cambridge, also tracings of street acceptance and sewer taking plans filed for record	334 07
Railway, Telephone, Electric Light, and Gas Light Companies,—comprising grades, plans, profiles and office notes, locations of poles and conduits	95 22
Stone Bounds,—locating and setting	77 78
Office Work,—comprising records of all locations, indexing, typewriting, calculations, and general draughting,	875 05
Miscellaneous Work,—comprising preliminary surveys, designs, sketches, etc., relating to various schemes for different committees	116 12
Vacations and Sickness	292 24
Total	$7,818 33

Office Records and Value of Instruments.

Number of survey note books, sewer permit books, and deed books	250
Number of plans, including sewers, highways, parks, house lots, etc.	6,000
Value of field instruments, tools, and office instruments	$1,600.00

The total cost of maintaining the city engineer's department since it was established (1872-1904, both years, inclusive) has amounted to $214,421.68.

General Work. The number of assistants employed during the year on engineering work varied from eight to twelve.

The department has made designs, plans, estimates of cost of contemplated and completed public works, etc., as required by various orders of the board of aldermen and committees. All

survey notes, records, and plans made of sewers, drains, highway work, water works, etc., have been filed and indexed for future reference.

All plans of estates in Somerville recorded at the Registry of Deeds, East Cambridge, have been copied, titles examined, and abstracts from deeds made for the purpose of assessments, and the proportional part of the cost of new work computed, and schedules of assessments made out showing the property owners.

Plans have been made and photographs taken where accidents have occurred on the city's work, or where boundaries were in dispute, for the use of the city solicitor in court cases and hearings.

A number of street names have been changed and plans made showing a re-numbering of the buildings, and all old numbering plans revised, new houses plotted, and numbers assigned; some of the old main thoroughfares should be re-numbered throughout their entire length, so as to eliminate half numbers and letters now being used.

There are many streets, avenues, courts, and places in the city of the same or very similar name, which should be changed to prevent the confusion and inconvenience now existing.

Stone monuments have been set at a number of street intersections and angles to define and preserve the true lines of public streets, and this work should be continued as much as possible each year.

Lines and grades have been given for the erection of new city buildings, and plans and sketches made for the laying out of the surrounding grounds.

About seventy-five street lines and grades have been given by the department during the year for builders and private parties applying for established grades and lines in connection with the erection of buildings and fences and grading of property.

Plans have been made showing the change of boundary lines of precincts in certain wards of the city, from which large maps have been printed for various purposes.

Accurate plans have been made by The Edison Electric Illuminating Company, of Boston, the New England Telephone and Telegraph Company, West End Street Railway Company, Charlestown Gas and Electric Company, and Cambridge Gas Light Company, and filed in this office, showing the various locations of poles, tracks, and conduits in this city which have been granted by the board of aldermen during the year.

Lines and grades have been given for laying 5,800 feet of water mains; 294 house services, twenty-five gates, and thirteen

hydrants have been located and recorded, sketches and plans made showing the same, and the large water works maps corrected to date.

During the year the department has made plans and established grades for the acceptance, under the betterment act, of fifteen new public streets, a total length of 1.55 miles; copies of these plans have been made and filed at the Middlesex Registry, as required by law.

The line of Hall street, at the Cedar-street end, has been changed and re-located northeasterly about one foot from the old line, so that a building formerly encroaching on the southwesterly side of the old street is now back of the adopted street line, an exchange of land being made with the abutting owner.

The total length of public streets in the city amounts to 69.3 miles, and private streets 24.26 miles.

Eight streets have been constructed during the year where betterment assessments have been levied, and in the laying out and constructing of Clarendon avenue as a public highway, the city is removing, by agreement, the stone from the ledge on the abutting property on the southeasterly side of the street, where the surface in places was twenty feet higher than the established grade of Clarendon avenue.

When this work is fully completed, a dangerous locality will have been made safe for public travel, and a section of land developed for building purposes.

Lines and grades have been given for setting 24,228.4 linear feet (4.59 miles) of new edgestone, and the re-setting of 11,861.6 feet (2.25 miles) of old edgestone and measurements taken for computing assessments.

4,185.3 square yards of new brick sidewalks and 1,002.9 square yards of granolithic sidewalks have been laid (about 1.54 miles in length), and 7,464.1 square yards of old brick sidewalks re-laid.

The average cost for the year of setting edgestone has been ninety cents per linear foot, and laying brick sidewalks ninety-six cents per square yard.

8,010 square yards of new paved gutters have been laid, and 706.7 square yards of new vitrified brick, concrete, and granite crossings and driveways constructed; 3,678.4 square yards of old gutters, driveways, and crossings have been re-laid, all requiring lines, grades, and measurements.

(See tables in this report for cost of new work, 1904, and total lengths of sidewalks constructed in the city to date.)

utters Laid in Connection Therewith in 1904.

Materials.		Total Cost.	Paved Gutters.	
Gravel and Edgestone. Lineal Feet.	Bricks. Sq. Yards.		Sq. Yards.	Cost.
.....	950.6	$914 74	.....	.....
1,449.4	.....	1,287 97	563.6	$918 18
387.4	.....	346 71	129.1	240 26
201.6	.....	176 38	67.2	91 50
2,120.8	.....	2,308 93	706.9	1,813 39
.....	219.1	221 67	.....	.....
1,010.8	.....	861 21	336.9	514 15
108.7	.....	104 47	36.2	106 11
307.5	.....	237 66	85.4	82 88
437.5	.....	386 56	99.0	264 90
72.6	60.1	102 28	24.2	79 15
1,217.9	.....	1,115 27	405.9	793 81
589.9	.....	532 65	229.4	420 75
2,040.2	.....	1,617 87	680.1	1,248 80
850.1	.....	625 44	283.4	460 30
232.3	.....	240 56	64.5	193 30
.....	304.6	298 55	.....	.....
382.3	.....	326 90	127.4	208 83
319.0	.....	256 77	106.3	189 45
1,374.0	.....	1,135 93	458.0	811 28
3,269.1	.....	2,947 72	1,089.7	1,898 50
813.2	.....	681 05	278.9	469 98
.....	401.5	356 03	.....	.....
.....	102.3	96 88	.....	.....
.....	290.3	242 83	.....	.....
.....	77.7	76 90	.....	.....
.....	338.6	319 01	.....	.....
629.3	.....	566 95	140.3	354 25
719.2	.....	655 71	239.7	440 98
.....	333.4	307 55	.....	.....
607.9	.....	530 47	202.6	374 41
1,666.6	.....	1,652 34	555.5	1,577 00
2,775.1	.....	2,590 32	925.0	1,756 84
.....	929.6	968 29	.....	.....
1,02.0	.....	79 80	34.0	121 30
503.9	.....	386 27	140.8	597 05
24,191.3	4,007.8	25,556 64	8,010.0	1,6027 35
37.1	1,180.4			

Streets Accepted as Public Highways in 1904 under the Betterment Act.

Name of Street.	Ward.	From	To	Width in Feet.	Length in Feet.	Date of Acceptance.
Edmands st. . .	4	Angle	Bonair st. . . .	40	86	Sept. 23
Farragut ave. . .	7	Broadway . . .	Woodstock st. Ex.	40	905	Nov. 1
Glendale ave. . .	7	Cameron ave. .	Yorktown st. .	40	410	July 1
Hawthorne st . .	7	Willow ave. . .	Cutter ave. . .	30	807	Dec. 23
Holyoke rd. . .	6	Elm st. . . .	Elm st. . . .	40	637	July 15
Josephine ave. .	6	Morrison ave. .	Broadway . . .	45	1,718	Nov. 1
Malvern ave. . .	7	Cameron ave. .	Yorktown st. .	40	410	Dec. 23
Milton st. . . .	7	Orchard st. . .	Cambridge line .	40	223	June 13
Moreland st. . .	5	Main st. . . .	Meacham st. . .	40	691	Nov. 28
Ossipee rd. . .	7	Packard ave. . .	Curtis st. . . .	40	682	Nov. 14
Pritchard ave. .	6	Morrison ave. .	Frederick ave. .	40	511	Nov. 1
Richardson st. .	5	Lowell st. . .	Lawrence st. .	35	467	Dec. 23
Seven Pines ave.	7	Cameron ave. .	Cambridge line .	40	92	Dec. 27
Veazie st. . . .	4	Bradley st. . .	Marshall st. . .	40	261	Dec. 28
Yorktown st. . .	7	Cambridge line .	Malvern ave. .	40	294	Dec. 23
Total	. . .	. . . . .	(1.552 miles)	..	8,194	

Length of Public Streets in Each Ward.

	Miles.
Ward one	9.155
Ward two	7.615
Ward three	7.086
Ward four	8.951
Ward five	10.386
Ward six	11.386
Ward seven	14.715
Total length of public streets in the city .	69.294

Miles of Edgestone, Brick Sidewalk and Gravel Sidewalk, in Each Ward.

	Edgestone	Brick Sidewalk	Gravel Sidewalk
Ward one	16.478	11.687	4.791
Ward two	11.896	4.207	7.689
Ward three	12.784	11.496	1.288
Ward four	12.499	8.725	3.774
Ward five	15.679	9.794	5.885
Ward six	19.408	10.226	9.182
Ward seven	16.399	7.731	8.668
Total miles in the city	105.143	*63.866	41.277

*Includes 2.07 miles granolithic and tar concrete walk.

Table of Street Construction.

	Miles.
*Streets paved with granite blocks	2.80
Streets paved with asphalt	0.73
Streets paved with vitrified brick (Davis square)	0.14
Streets paved with "bitulithic"	0.34
**Streets macadamized	64.75
Streets graveled	16.00
Streets unimproved	8.79
Total	93.55

*Also 29.6 miles (single track) electric railway, paved with granite, asphalt, "bitulithic."

**Includes 2.84 miles boulevard.

Lines, grades, and measurements have been given and miscellaneous work done for paving with "Warren's Bitulithic Pavement" a portion of Bow and Summer streets, extending from Union square to the westerly line of School street, a length of 1,770 linear feet. The contract price for laying this new pavement complete, including a five-years' guarantee, was $2.25 per square yard.

In conjunction with the laying of this permanent pavement, the railroad company have double-tracked that portion of Summer street, and the city has widened the roadway by setting back the edgestone on the sidewalk eight inches on each side of this street.

The total amount of "Bitulithic Pavement" laid, including an area of 1,824 square yards between the car tracks paid for by the railroad company, was 7,085 square yards, and the entire cost to the city of the new work was $14,422.78, and, deducting the amount allowed for old materials removed on the line of work as a credit to the account, shows the net cost to the city $13,964.63 for the improvement of a portion of Bow and Summer streets.

Union square has been enlarged at its easterly end by the addition of a triangular area in front of the new fire station, which was formerly occupied by old buildings. This additional space was paved with granite blocks amounting to 614 square yards, and also necessitated the re-laying of 748 square yards of the old granite paving, to conform with the established grade in the square.

There are sections of flat-grade macadam streets in the city where, in times of storms, they become nothing but mud holes, and it is impossible, under the present conditions, to drain the water from their surfaces; in these few places it would be advisable to re-construct the road bed with a permanent pavement, and the addition of catch basins between the car tracks would put these sections of streets in first-class condition for a nominal expense. Also on some of the principal streets the edgestone should be completed and gutters paved, so that the street can be

properly drained in times of heavy storms, thereby saving a large cost in the maintenance of the city's highways.

It would be advisable to lay with some suitable permanent pavement, bitulithic, vitrified brick, or asphalt, the narrow spaces left between the car track and sidewalk on certain streets where double tracks have been laid, and where it is impossible to maintain a macadam roadway, even at a heavy expense yearly: sections of Pearl street, Medford street, Washington street, Holland street, and public squares.

The West End Street Railway Company, by its attorney, the Boston Elevated Railway Company, in addition to the double-track laying on a section of Summer street, before referred to (on account of the paving of this street), have completed the double-track laying in Concord square, and two long turnouts in Springfield street, where, on account of the narrow roadway, the railroad company laid an asphalt pavement the entire width of the street where the new tracks were constructed.

A petition is still pending before the board of aldermen for a double-track location in a portion of Mystic and Middlesex avenues, extending from the Charlestown line to the Fellsway boulevard.

A public hearing has been held on this matter, and whenever these tracks are laid, it will necessitate the widening and filling to grade of these avenues and macadamizing the roadways.

There are at present laid in Somerville streets twenty-nine and six-tenths miles of electric car track (single track location).

Bridges and Grade Crossings. All of the city's highways over the Southern division of the Boston & Maine railroad have good and substantial modern bridges, with the one exception at Lowell street, where there is great need of a highway bridge over the main line, and also the Arlington branch of the railroad, this street being one of the principal cross-town streets in the centre of the city. Negotiations with the railroad company are at present pending, but probably satisfactory arrangements will be made for the construction of these bridges in the near future.

The abolition of grade crossings in this city has been a matter of discussion for a number of years past, and while the expense to the city for changing these crossings would be large, the amount would be quite small when compared with the total cost and amount of work involved by the railroad companies.

Some feasible plan must first be agreed upon by the parties vitally interested, and this involves the steam and electric railroad companies and cities of Somerville and Cambridge working in unison; a petition has been before the courts for some time in reference to this matter.

Elevations and check levels have been taken on the Boston-avenue granite arch bridge recently constructed, and no settlement or change was found from the original construction work.

SEWER DEPARTMENT.

Sewers Construction Account.

STATEMENT OF EXPENSES, 1904.

Constructing "separate system" sewers (assessments levied) petitioned for . .	$3,254 71	
Constructing "separate system" sewers (no assessments)	3,137 73	
Constructing combined system sewers (assessments levied) petitioned for . .	2,552 16	
Constructing storm drains and overflows .	4,172 22	
Constructing 48 catch basins, street drainage,	2,478 00	
Final payments on sewers constructed 1903 .	1,060 66	
Work and materials furnished other departments	203 40	
Sundry expenses, books and printing . .	46 08	
Materials on hand December 31, 1904 . .	358 01	
Total expenditure	$17,262 97	
Transferred to Highway Department . .	5,000 00	
Transferred to Fire Department . . .	2,500 00	
Transferred to Public Buildings Department	1,500 00	
Total	. . .	$26,262 97
CREDIT.		
Appropriation	$25,000 00	
Balance unexpended December 31, 1903 .	1,374 58	
Assessments levied, sewers constructed 1904,	5,174 17	
Amounts received from other departments .	275 67	
Reserves on contracts, due 1905 . . .	499 34	
Materials on hand December 31, 1903 . .	686 29	
Total	. . .	$33,010 05
Balance unexpended	. . .	$6,747 08

The greater part of the new construction work has been done by contract, and the remainder by the city employing day labor, where old structures were to be remodeled or replaced by some difficult construction work.

All materials have been furnished by the city, and the prices paid for drain pipe, cement, etc., for the season have been at an unusually low rate.

A number of sewers have been constructed as petitioned for in different sections of the city, and portions of the cost of construction assessed on the abutting estates under orders adopted by the board of aldermen.

Short lines of storm drains and overflows from congested sewers have been constructed during the year in the most needed districts.

The "separate system" sewers (those built for house drainage only) have been extended in a number of streets, and this system should be extended yearly until all the flooded districts in the city have two complete systems of drainage, the new

sewer to be used for house drainage, and the old existing sewer mains to be used for storm and surface water.

Wherever these new sewers are constructed, the house plumbing should be changed where necessary, and the house drains re-connected with both systems as soon as possible.

New sewers and drains were constructed during the year, varying in size from eight-inch pipe to thirty-inch pipe and forty-four-inch brick in the following localities:—

"Separate system" sewers in:—

Beacon street,—(northeast side) Sacramento street to Stanford terrace.
Boston avenue,—Highland road to Pearson avenue.
Dane avenue,—(both sides) Leland street to Dane street.
Leland street,—Washington street to Dane avenue.
Porter street,—(both sides) Elm street, northeasterly.
Powder-house boulevard,—(both sides) North street to near Curtis street.
Russell road,—Broadway, northeasterly.
Ware street,—Powder-house boulevard, southwesterly.
Webster avenue,—(westerly side) Union square, southerly.
Washington street,—(southerly side) Union square to near Fitchburg railroad.

"Combined system" sewers in:—

Boston avenue,—Morrison avenue, northeasterly.
Boston street,—Walnut street, southeasterly.
Highland road,—Frederick avenue to Boston avenue.
Hillside circle,—Craigie street, westerly.
Line street,—Cooney street, southeasterly.
Pearson avenue,—Frederick avenue to Boston avenue.
Walnut street and private lands,—Gilman street to Boston & Maine railroad, and westerly along railroad.

Storm drains in:—

Broadway and private lands,—(southwesterly side) Boston & Maine railroad to Josephine avenue.
Cameron avenue,—Seven Pines avenue to Mead street.
Cedar street,—Sartwell avenue, southwesterly.
Lowell street,—Albion street to Hudson street.
Vine street,—Somerville avenue, southwesterly.
Yorktown street,—Seven Pines avenue to Glendale avenue.

Summary of Work. Twenty-four new sewers and drains have been constructed during the year, a total length of 11,544.2 linear feet (2.19 miles), at a cost of $13,116.82; plans have been made showing these sewers and assessments levied on a portion of them, amounting to $5,174.17. (See tabular statement of sewers and drains for 1904, showing itemized statement of work and cost.)

The total length of the city's drainage system is 90.50 miles; 18.65 miles being on the "separate system," and 5.02 miles of storm drains, and the entire cost of construction has amounted to about $1,144,328, exclusive of the amount paid the state for the construction of the North Metropolitan sewerage system.

Forty-eight new catch basins have been constructed in the highways during the year, at an average cost of $51.62 per basin, making a total of 1,314 catch basins in the city for street drainage purposes.

Metropolitan Sewer Connections. All of the city's ten connections with the North Metropolitan sewerage system are in good condition. No new main connections have been required, but on the northeasterly side of Mystic avenue, near Melrose street, a small temporary house connection was made with the state sewer, the city having no main sewer in Mystic avenue at this locality.

At the Somerville-avenue-Poplar-street connection with the Metropolitan sewer, records compiled from an automatic recording clock placed in the "regulator chamber" on the combined system show this outlet to have been cut off as follows:—

Year 1904, completely closed 279 hours, partly closed 922 hours. (In the 1903 report a table shows the record for the previous four years.)

The city's assessment for the Metropolitan system for the past year was $32,172.57 on construction account and $18,231.97 for maintenance, and the total amount paid the commonwealth of Massachusetts for this state sewer has been $470,636.71 (1894-1904, both years inclusive). The total length of the Metropolitan sewerage system mains running through the city amounts to 3.31 miles.

New Work. The construction of a permanent storm drainage system should be commenced in the vicinity of North Somerville in the near future, where buildings and new streets are being rapidly constructed, with no good and permanent means yet provided for taking care of the storm water.

A relief sewer should be constructed along the northeasterly side of Highland avenue, between Cedar street and Lowell street, to prevent the flooding of cellars in this locality in times of storms.

In the vicinity of Lowell and Vernon streets, some arrangement should be made with the railroad company, whenever the highway bridge is constructed at Lowell street, for providing an outlet for storm water in this locality through the railroad valley, which would be beneficial to both the city and railroad.

ND COST.

Pipe Sewer, Cost per Lineal Foot.								
ing, Re-, and aying.						Total cost.	Assessment.	Cost to City.
Sub-drain	Pipe, including Sub-drain where laid.	Inspection.	Miscellaneous.	Lumber.	Average cost per lineal foot.			
$0.20	$0 32	$0 03	$0.02	.....	$1.00	$579.55	.....	$579.55
0.20	0.33	0.10	.....	.....	1.78	451.45	$423.43	28.02
.....	0.43	0.02	0.01	.....	1.43	471.12	385.05	86.07
at peti	tioners'	expense	.....	.....	.....	.....	.....	.....
.....	0.59	....	.....	.....	1.37	692.54	.....	692.54
.....	2.02	0.06	0.02	.....	2.81	1,726.89	.....	1,726.89
.....	.....	.....	†23.60	$0.19	4.68	1,239.38	.....	1,239 38
0.25	0.26	0.04	0.01	0.05	0.99	1,430.49	....	1,430.49
.....	0 35	0.04	.....	.....	0.96	731.95	729.61	2.34
at peti	tioners'	expense		.....	.....	.....	.....	.....
.....	0.45	0.08	†18 65 0.04	.....	1.82	454.01	193.75	260.26
.....	0.31	.....	.....	.....	0.57	140.99	.....	140.90
0.20	0.25	0.05	.....	.....	0.93	552.58	551.59	0.99
.....	0.21	0.07	0.01	.....	0.83	437.01	.....	437.01
0.15	0.22	0.04	.....	.....	0.73	798 90	798.72	0.18

A large storm overflow drain has been contemplated for some time at the East Cambridge line, across private lands from Somerville avenue, discharging into the head of Miller's river. In conjunction with this last proposed work, a readjustment of the present legislative act should be made on a more equitable basis, whereby the amount paid by this city to Cambridge for the maintenance of the Somerville-avenue-Bridge-street sewer would be less and in proportion to the use of the same at the present time, the prevailing conditions being far different from what existed some thirty years ago, when the division of the cost was established.

A special act of the legislature in 1903 authorized the cities of Somerville and Cambridge and the towns of Arlington and Belmont to unite in improving the sanitary condition of Alewife brook within the limits of the referred-to cities and towns, and after considerable preliminary work had been done, it was deemed advisable to suspend operations, as another act was passed by the legislature in 1904 whereby, in conjunction with the Metropolitan Park Commission, the entire length of Alewife brook, together with upper Mystic river in Medford, might be improved far more extensively than at first proposed by the cities and towns originally interested in the matter.

The Metropolitan Park Commission have recently issued a lengthy report on this proposed improvement of the brook and river.

Sewers Maintenance Account.

STATEMENT OF EXPENSES, 1904.

Maintenance of sewers, including cleaning and flushing	$2,749 48	
Maintenance of catch basins, cleaning and flushing	5,818 25	
Changing line and grade and repairing catch basins	791 43	
Changing line and grade and repairing manholes	366 93	
Inspection and location of house drains	200 44	
Rent of water course between Mystic and Middlesex avenues	300 00	
Rebuilding sections of old sewers	894 03	
New tools and supplies	449 05	
Repairs of tools and property	59 86	
Cleaning cellars flooded in times of storms,	7 75	
Sundry expenses, car fares, telephone, etc.	69 28	
Maintenance of sewer department yards and buildings	255 48	
Work and materials furnished other departments	124 22	
Construction of drain and drainage of basement floors, Armory building	112 79	
Settlement of claims for damages	300 00	
Total		$12,498 99

CREDIT.

Appropriation	$11,800 00	
Transferred from other accounts . . .	370 62	
Amounts received from other departments, labor, materials	290 82	
Sale of old hose, iron, etc.	37 55	
Total		$12,498 99
Value of tools and property on hand used in maintenance of sewers		$977 36

A permanent force of men and teams are kept continually at work flushing, cleaning, and repairing the city's drainage system, the expense necessarily increasing yearly as lengths of sewers, drains, and catch basins are added to the system.

Nearly 7,000 cubic yards of deposit have been removed from the catch basins and sewers during the year. Eighty-five catch basins and eighty-three manholes have been repaired, and grade or line changed.

A number of extensive repairs have been made on some of the old sewers, alterations made in the outlets, and overflows and extra manholes built for the purpose of improving the system.

Sewers have been repaired in Beacon street, Flint-street place, Harrison street, Moore street, Temple street, Webster street, and Wilton street.

Three hundred and eighteen permits have been issued to licensed drain layers for connecting buildings with the main sewers, twenty-nine being for repairs; all of the work being done under the supervision of the city's inspector. There are to date about 12,815 private drain connections with the city's drainage system.

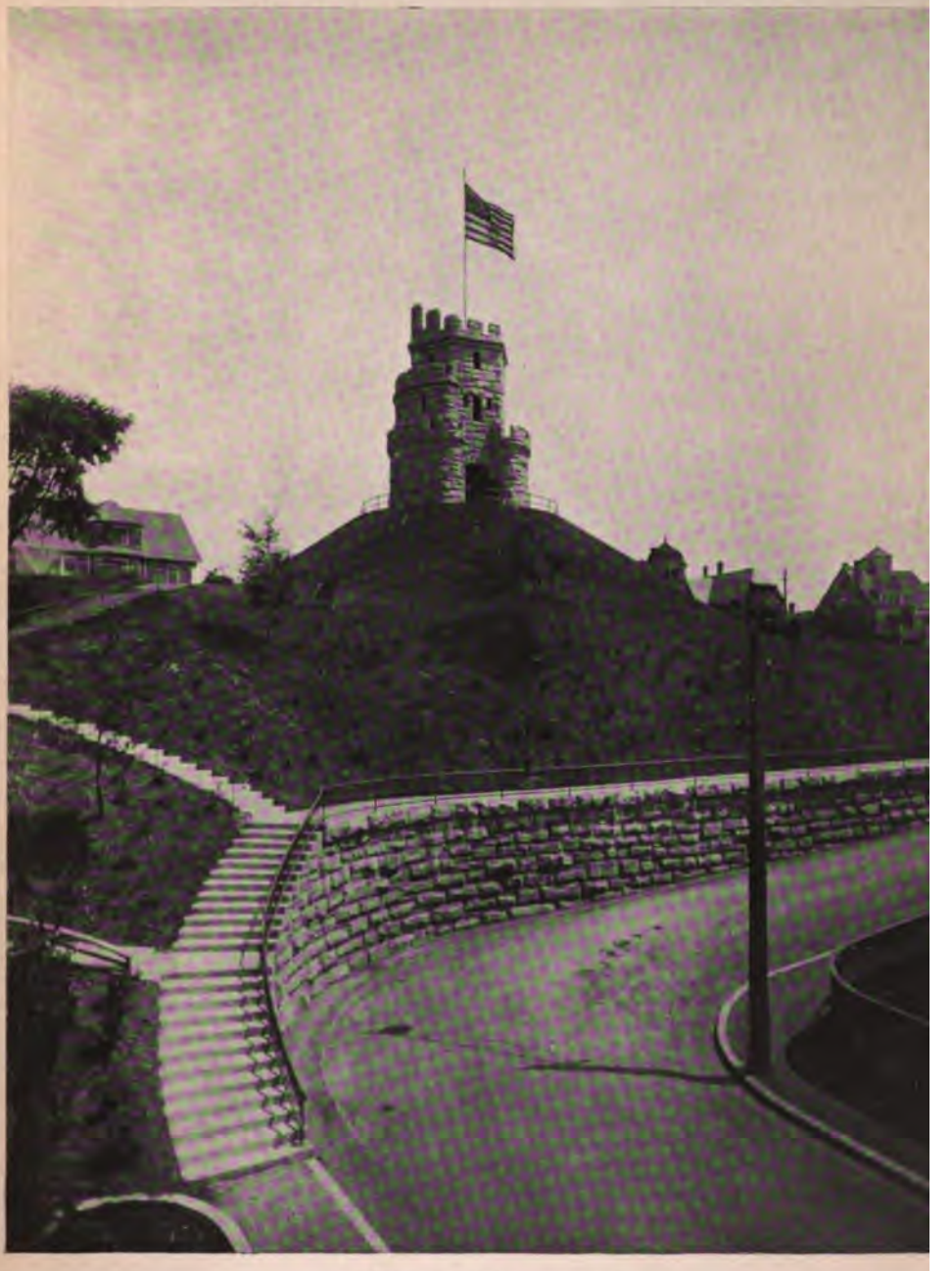
The coming year will terminate the city's payment of rental for the use of the old water course across the marsh land between Mystic and Middlesex avenues, as a permanent right of way has been obtained and a large storm drain completed.

A number of cases of claims for damages have been settled for small amounts.

Considerable work has been done and materials furnished other departments during the year whenever requested, the sewer department being reimbursed for the same.

The armory building on Highland avenue was found to have surface and ground water flooding the basement floors after every storm, on account of faulty construction in the drainage of the building, and there being no appropriation, the sewer department spent $112.79 in laying drains that would make the basement available for use.

A tide gate was constructed on the city home property, to prevent the back flowage from Alewife brook; a number of gate chambers have been constructed for the water department, and miscellaneous work done for the highway department.



PROSPECT HILL TOWER,
Prospect Hill Park, Somerville, Mass.

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ENG. DEPT.

PUBLIC GROUNDS DEPARTMENT.

At the present time there are eighteen separate parcels of land, located in all parts of Somerville, used for parks and playgrounds, amounting to sixty-four acres, and also a boulevard about one and one-third miles in length maintained by the city.

The larger areas, Broadway, Central hill, Prospect hill, Lincoln and Tufts parks, have been policed by regular officers from the police department during the spring and summer months; trees and shrubs added to the various grounds, and bulbs, plants, and flowers furnished in their seasons, and during the winter time ponds flooded for skating.

Six fields have been maintained for baseball and three for football playing, and are constantly in use by the various athletic teams, and the outdoor gymnasium, bicycle track, and tennis courts have been a source of much enjoyment.

The city maintains one of the finest enclosed athletic fields in this vicinity, located near Powder-house square, West Somerville, between Broadway and the boulevard, which, on Thanksgiving day, was the scene of a fine athletic contest between teams representing the Somerville and Cambridge high schools, about 8,000 people being in attendance.

Additional seats have been built on this field during the year at the expense of the High School Athletic Association, making a total seating capacity for nearly 5,000 people, and standing room for three to four thousand more.

The playgrounds on Glen street, at Oliver street, have been enlarged by the city obtaining the use of the vacant land in the rear joining the city's property, which has been graded and in use during the year; also another area located east of Broadway park has been partially graded and put in condition for a playground, the owners of this vacant land agreeing to allow the city to use the same for this purpose.

At the corner of Highland avenue and Cedar street, a portion of the Gurney estate has been graded and laid out for a playground, at the solicitation of parties interested in this matter.

The remaining unimproved portion of the city's field, located at the corner of Broadway and Cedar street, has been partly graded, and will probably be completed in the early spring, so that the area in front of the city stables and on one of the principal streets of the city may be kept in a respectable condition and utilized as a playground in this vicinity.

Wyatt's clay pit in Lincoln park has been used by the board of health for the disposal of ashes, and during the coming year will be practically all filled, so that this park can be completed as originally designed to be laid out.

Trees of the Carolina poplar variety have been planted on both sides of the Powder-house boulevard, extending from the square westerly to Curtis street, and the coming spring planting should be continued on the remaining length. Houses have been erected on all lots on both sides of this boulevard, between Packard avenue and Curtis street, and a number of buildings are being built west of Curtis street.

On Prospect-hill park the retaining wall along the southwesterly side has been completed, an iron fence erected on top of this wall, and a walk constructed at the base of the slope, and additional trees and shrubs planted, all at an expense of $1,630.70.

The total amount expended in completing this park and observation tower within the last three years has been as follows:—

Land purchased	$48,964 91
Laying out and grading	17,762 30
Observation tower	8,103 03
Bronze tablets erected	500 00
Total	$75,330 24

The granite observation tower on this park was electrically illuminated in the evening on Decoration day, the Seventeenth of June, and Fourth of July, by arranging about 500 incandescent lights around the top of the structure.

Elevations and check levels taken on this tower show no settlement since construction.

During construction work in the excavation of material from the slopes of this old hill, many ancient relics were found, such as buttons from the uniforms worn by the American and British soldiers, cannon balls, bullets, an old spade and pick, etc., also an old well was found, said to have been used by the soldiers of the Revolution encamped on Prospect hill, which has been preserved, and in which an old-time well-sweep and oaken bucket are to be placed.

Maintenance Account.

STATEMENT OF EXPENSES.

Broadway Park (15.9 acres):—		
Maintenance of grounds and general care of property	$1,552 77	
Removing brown-tail and gypsy moths	48 00	
Tools and supplies	56 24	
Repairing tools and property	114 60	
Plants, flowers, bulbs, etc.	259 47	
		$2,031 08
Amount carried forward		$2,031 08

Amount brought forward		$2,031 08
Broadway Parkway (1.4 acres):—		
Maintenance of grounds	$168 75	
Plants, flowers, etc.	100 00	
		268 75
Central Hill Park (13.1 acres):—		
Maintenance of grounds and general care of property	$1,414 32	
Removing brown-tail and gypsy moths	32 00	
Tools and supplies	76 00	
Repairing tools and property	105 99	
Repairing rockery and addition of trees and shrubs	138 84	
Plants, flowers, bulbs, etc.	609 11	
		2,376 26
Prospect Hill Park (2.6 acres):—		
Maintenance of grounds	$1,218 12	
Tools and supplies	46 09	
Repairing tools and property	27 22	
Repairing fences	11 25	
Illuminating tower	119 14	
		1,421 82
Lincoln Park (8.3 acres):—		
Maintenance of grounds and general care of property	$1,283 68	
Tools and supplies	42 53	
Repairing tools and property	70 45	
Repairing fences	36 03	
Sidewalk assessments	104 56	
Plants, flowers, etc.	67 00	
		1,604 25
Tufts Park (4.5 acres):—		
Maintenance of grounds and general care of property	$719 70	
Removing brown-tail and gypsy moths	36 00	
Tools and supplies	35 35	
Repairing tools and property	35 24	
Plants, flowers, bulbs, etc.	144 96	
		971 25
Paul Revere Park:—		
Maintenance of grounds		8 63
Broadway Athletic Field, Tufts College land (4.4 acres):—		
Maintenance of grounds and care of property	$484 40	
Building new seats and additions to fence,	1,134 91	
Tools and supplies	124 36	
Repairing property	33 31	
		1,776 98
Playgrounds, Glen street, corner Oliver street (0.9 acre + 1.5 acres leased):—		
Maintenance of grounds	$59 85	
Grading additional area and lease of land,	276 21	
		336 06
Amount carried forward		$10,795 08

Amount brought forward		$10,795 08
Playgrounds, Poplar street, corner Joy street (0.4 acre):—		
Maintenance		17 75
Playgrounds, Webster avenue, near Cambridge line (0.2 acre):—		
Maintenance of grounds		5 00
Playgrounds, Winthrop avenue (2.5 acres leased):—		
Laying out and grading	$100 25	
Maintenance	18 88	
		119 13
Playgrounds, Highland avenue, at Cedar street (1.8 acres leased):—		
Laying out and grading	$188 79	
Maintenance	47 75	
		236 54
Playgrounds, Somerville avenue, corner Kent street (0.8 acre):—		
Maintenance of grounds	$46 25	
Repairing property	17 85	
		64 10
Playgrounds, Belmont street, near Summer street (0.4 acre):—		
Maintenance of grounds	$48 00	
Plants, flowers, bulbs, etc.	109 19	
		157 19
Playgrounds, Broadway, corner Cedar street (4.2 acres):—		
Maintenance of grounds	$45 37	
Grading westerly part of field	594 08	
		639 45
Playgrounds, College avenue, opposite Morrison avenue (0.4 acre):—		
Maintenance of grounds		11 38
Cemetery, Somerville avenue (0.7 acre):—		
Maintenance of grounds		40 31
Powder House Boulevard (1 1-3 miles long):—		
Maintenance of roadway and walks	$211 79	
Trees and planting	146 15	
		357 94
Incidentals		38 00
Total expenditure maintenance (64 acres, 1 1-3 miles boulevard)		$12,481 87

CREDIT.

Appropriation	$11,000 00	
Transferred from other departments	421 87	
Amounts carried forward	$11,421 87	$12,481 87

Amounts brought forward . . .	$11,421 87	$12,481 87
Boston Elevated Railway Company, proportional park maintenance Broadway Parkway, 1904	50 00	
Sundry persons, part cost of improvements.	10 00	
Amount received from High School Athletic Association	1,000 00	
Total	. . .	$12,481 87
Value of tools and property used in maintenance of grounds	$2,000 00	

APPENDED TABLE.

Following this report is a table giving names of all streets in the city, public and private, lengths, widths, and the total mileage; in the 1901 report a table was given showing the locations and names of public squares in the city, and in the 1898 report old names of certain streets as formerly known.

Respectfully submitted,

ERNEST W. BAILEY,

City Engineer.

TABLE SHOWING THE LOCATION, LENGTH AND WIDTH OF PUBLIC AND PRIVATE STREETS.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Abdell pl.	Somerville ave.	Southwesterly	Private.	25	....	203
Adams	Broadway	Medford st.	Public.	40	907	....
Addison pl.	Somerville ave.	Southwesterly	Private.	20	....	150
Adrian	Marion st.	Joseph st.	Public.	40	579	....
Albion pl.	Albion st.	Northeasterly	Private.	10	....	166
Albion ct.	Albion st.	Southwesterly	Private.	16	....	116
Albion	Central st.	Cedar st.	Public.	40	2,742	....
Albion	Broadway	Medford line	Private.	50	....	100
Albion ter.	Albion st.	Southwesterly	Private.	25	....	100
Aldersey	Walnut st.	Vinal ave.	Public.	40	508	....
Aldrich	Pearl st.	B. & L. R. R.	Public.	40	611	....
Alfred	Broadway	Medford line	Private.	50	....	50
Allen	Somerville ave.	Charlestown st.	Private.	25	....	680
Allen ct.	Park st.	Northwesterly	Private.	20	....	150
Alpine	Cedar st.	Southeasterly	Private.	30	....	670
Alpine	Alpine st.	Lowell st.	Public.	40	688	....
Alston	Cross st.	Shawmut pl.	Public.	40	567	....
Ames	Bartlett st.	Robinson st.	Public.	40	580	....
Appleton	Willow ave.	Clifton st.	Public.	40	548	....
Appleton	Clifton st.	Liberty ave.	Private.	40	....	120
Arlington	Franklin st.	Lincoln st.	Public.	40	452	....
Arnold ave.	Porter st.	Southeasterly	Private.	15	....	127
Arnold ct.	Beacon st.	Northeasterly	Private.	10	....	115
Arthur ct.	Linden st.	Easterly	Private.	about 10	....	100
Arthur	Broadway	Bonair st.	Public.	40	438	....
Ash ave.	Meacnam st.	Northeasterly	Private.	40	....	705
Ashland	Summer st.	Sartwell ave.	Public.	30	478	....
Atherton	Central st.	Beech st.	Public.	40	264	....
Auburn ave.	Cross st.	B. & L. R. R.	Private.	30	....	600
Austin	Broadway	Mystic ave.	Public.	40	716	....
Autumn	Broadway	Bonair st.	Private.	20	....	420
Avon	School st.	Central st.	Public.	40	1,360	....
Avon pl.	Cross st.	B. & L. R. R.	Private.	25	....	150
Banks	Elm st.	Summer st.	Public.	40	639	....
Bartlett	Vernon st.	Broadway	Public.	40	1,550	...
Bartlett	Washington st.	Southerly	Private.	20	...	200
Barton	Broadway	Russell road.	Private.	40	....	382
Bay State ave.	Broadway	Fosket st.	Private.	40	....	1,197
Beach ave.	Webster ave.	Columbia st.	Private.	about 20	....	200
Beacon pl.	Beacon st.	Northeasterly	Private.	15	....	200
Beacon	Cambridge line	Somerville ave.	Public.	66	6,007	....
Beacon ter.	Somerville ave.	Northeasterly	Private.	24	....	110
Bean's ct.	Cutter st.	Southeasterly	Private.	16	....	100
Beckwith cir.	Beacon st.	Southwesterly	Private.	20	....	120
Bedford	South st.	Cambridge line	Public.	30	165	....
Beech	Somerville ave.	Spring st.	Public.	40	800	....
Bellevue ter.	Albion st.	Northeasterly	Private.	20	....	90
Belknap	Broadway	Russell road.	Private.	40	....	449
Belmont	Somerville ave.	Highland ave.	Public.	40	2,192	....
Belmont pl.	Belmont st.	Southeasterly	Private.	25	....	175
Benedict ave.	Broadway	Benedict st.	Private.	20	....	200
Benedict	Union st.	Austin st.	Public.	40	585	....
Bennett ct.	Bennett st.	Prospect st.	Private.	10	....	100
Bennett	Prospect st.	Bennett ct.	Private.	40 to 25	....	400
Benton road	Summer st.	Hudson st.	Public.	40	1,208	....
Berkeley	School st.	Central st.	Public.	40	1,360	....
Berwick	Lawrence st.	Northwesterly	Private.	20	....	170
Bigelow	Boston st.	Munroe st.	Public.	50	208	....
Billingham	Broadway	William st.	Public.	40	563	....
Bishop's pl.	Glen st.	Easterly	Private.	10	....	75
Blakeley ave.	Winthrop ave.	Cross st.	Private.	40	....	630
Bleachery ct.	Somerville ave.	Fitchburg R. R.	Private.	30	....	450
Bolton	Oak st.	Houghton st.	Public.	40	476	....
Bonair	Cross st.	Walnut st.	Public.	40	1,535	....
Bond	Broadway	Jaques st.	Public.	40	655	....
Bonner ave.	Washington st.	Columbus ave.	Public.	40	376	....

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Boston ave.	Medford line	Mystic river	Public.	60	915	....
Boston ave.	Broadway	Medford line	Public.	50	80	....
Boston ave.	Broadway	Highland road	Private.	65	....	290
Boston ave.	Highland road	Easterly angle	Private.	50	....	655
Boston ave.	Angle southerly	Morrison ave.	Private.	40	....	1,025
Boston	Washington st.	Prospect Hill ave.	Public.	45	640	....
Boston	Prospect Hill av.	Walnut st.	Public.	40	1,242	....
Bow	Union sq.	Wesley sq.	Public.	60	658	....
Bow	Wesley sq.	Somerville ave.	Public.	50	570	....
Bowdoin	Washington st.	Lincoln park	Public.	40	341	....
Bowers ave.	Cottage ave.	Elm st.	Private.	24	....	288
Bow St. pl.	Bow st.	Northwesterly	Private.	40	....	300
Bradford ave.	School st.	Southeasterly	Private.	40	....	150
Bradley	Pearl st.	Walter st.	Public.	40	762	....
Brastow ave.	Lowell st.	Porter st.	Public.	40	186	....
Bristol road	Broadway	Medford line	Private.	40	....	98
Broadway	Charlestown line	Cross st.	Public.	100	2,590	....
Broadway	Cross st.	Marshall st.	Public.	100 to 200	2,060	....
Broadway	Marshall st.	Main st.	Public.	100	1,570	....
Broadway	Main st.	Top of hill	Public.	100 to 90	1,030	....
Broadway	Top of hill	Albion st.	Public.	90	2,540	...
Broadway	Albion st.	Willow ave.	Public.	90 to 70	1,030	....
Broadway	Willow ave.	Paulina st.	Public.	70	3,250	....
Broadway	Paulina st.	Arlington line	Public.	65-60-65	3,220	....
Broadway pl.	Broadway	Southwesterly	Private.	22	....	250
Bromfield road	Warner st.	Professors row	Private.	40	....	1,260
Brook	Glen st.	Cross st.	Public.	40	504	....
Browning road	Sycamore st.	Central st.	Public.	40	679	....
Buckingham	Beacon st.	Dimick st.	Public.	40	292	....
Burnside ave.	Elm st.	Summer st.	Public.	40	720	....
Caldwell ave.	Washington st.	Southerly	Private.	20	....	210
Calvin	Beacon st.	Dimick st.	Private.	40	....	250
Calvin	Dimick st.	Washington st.	Private.	30	....	395
Cambria	Central st.	Benton road	Public.	40	488	....
Cameron ave.	Holland st.	Cambridge line	Public.	60	1,065	....
Campbell pk.	Meacham rd.	Kingston st.	Public.	40	399	....
Campbell Pk. pl.	Kingston st.	Arlington Br. R.R.	Private.	20	....	84
Carlton	Somerville ave.	Lake st.	Public.	40	300	....
Carver	Porter st.	Northwesterly	Private.	40	....	156
Cedar ave.	Cedar st.	Linden ave.	Private.	22	....	290
Cedar ct.	Cedar st.	Southeasterly	Private.	15+	....	70+
Cedar St. pl.	Murdock st.	Southwesterly	Private.	20	....	220
Cedar St. pl.	Cedar n'r Elm st	Southeasterly	Private.	12+	....	80+
Cedar	Elm st.	Broadway	Public.	40	4,137	....
Central	Somerville ave.	Summer st.	Public.	33	1,043	....
Central	Summer st.	Medford st.	Public.	40	2,539	....
Central	Medford st.	Broadway	Public.	45	1,079	....
Centre	Albion st.	B. & L. R. R.	Private.	35	....	200
Chandler	Park ave.	Broadway	Public.	40	1,232	....
Chapel	College ave.	Chandler st.	Public.	40	273	....
Chapel ct.	Sycamore st.	Northwesterly	Private.	12	....	130
Charles	Washington st.	Southerly	Public.	30	166	....
Charlestown	Allen st.	Easterly	Private.	15	....	400
Charnwood road	Willow ave.	Hancock st.	Public.	40	589	....
*Chelsea	Mystic ave.	Melrose st.	Private.	50	....	1,390
Cherry	Elm st.	Highland ave.	Public.	45	1,450	....
Chester	Elm st.	Cambridge line	Public.	40	885	....
Chester ave.	Medford st.	Angle	Public.	about 22	220	....
Chester ave.	Angle	Cross st.	Private.	20	....	445
Chester pl.	Chester st.	Northwesterly	Private.	40	....	200
Chestnut	Poplar st.	Southeasterly	Private.	40	....	540
Church	Summer st.	Lake st.	Public.	40	964	....
Church St. pl.	Church st.	Northwesterly	Private.	25	....	170
Claremon	Holland st.	Mead st.	Public.	40	560	....

* Proposed.

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Clarendon ave.	Broadway	Cambridge line	Public.	40	1,217	....
Clark	Newton st.	Lincoln parkway	Private.	35	....	545
Cleveland	Central st.	Elm pl.	Private.	40	....	270
Clifton	Appleton st.	Morrison ave.	Public.	40	200	....
Clifton	Morrison ave.	Arlington Br. R.R.	Private.	40	....	220
Clyde	Cedar st.	Murdock st.	Private.	30	....	600
College ave.	Davis sq.	Medford line	Public.	60	4,080	....
Columbia	Webster ave.	Cambridge line	Public	40	816	....
Columbia ct.	Columbia st.	Webster ave.	Private.	9	....	150
Columbus ave.	Washington st.	Walnut st.	Public.	40	1,425	....
Concord ave.	Prospect st.	Leon st.	Public.	40	1,483	....
Concord ave.	Leon st.	Beacon st.	Private.	30	....	470
Congress pl.	Linwood st.	Southwesterly	Private.	16	....	200
Conlon ct.	Columbia st.	Easterly	Private.	20	....	200
Conwell ave.	Curtis st.	North st.	Private.	40	....	1,349
Conwell	Highland ave.	Southwesterly	Public.	35	363	....
Cooney	Beacon st.	Line st.	Private.	30	....	220
Cottage ave.	Russell st.	Chester st.	Public.	40	550	....
Cottage circle	Cottage ave.	Southwesterly	Private.	25	....	87
Cottage pl.	Washington st.	Northwesterly	Private.	about 11	....	150
Craigie	Somerville ave.	Summer st.	Public.	50	1,280	....
Craigie ter.	16 Craigie st.	Westerly	Private	25	....	126
Crescent	Washington st	Pearl st.	Private.	30 to 38	....	650
Crocker	Highland ave.	Crown st.	Public.	40	528	....
Cross	Medford st.	Broadway	Public.	45	2,680	....
Cross	Broadway	Mystic ave.	Public.	40	1,100	....
Cross St. pl.	Cross st.	Northwesterly	Private.	24	....	150
Crown	Porter st.	Lowell st.	Private.	30	....	700
Curtis ave.	Curtis st.	Northwesterly	Private.	40	....	700
Curtis	Broadway	Medford line	Public.	40	2,357	....
Cutler	Lawrence st.	Northwesterly	Private.	20	....	170
Cutter ave.	Summer st.	Highland ave.	Public.	40	480	....
Cutter pk.	Cutter ave.	Northwesterly	Private.	12	....	83
Cutter	Broadway	Webster st.	Public.	40	730	....
Cypress	Central st.	Beech st.	Public.	40	262	....
Dana	Bonair st.	Pearl st.	Public.	40	696	....
Dane	Somerville ave.	Washington st.	Public.	40	1,341	....
Dane ave.	Dane st.	Leland st.	Public.	30	569	....
Dartmouth	Medford st.	Broadway	Public.	40	1,465	....
Day	Elm st.	Cambridge line	Public.	40	908	....
Delaware	Aldrich st.	Pearl st.	Public.	40	451	....
Dell	Glen st.	Tufts st.	Public.	40	466	....
Derby	Temple st.	Grant st.	Public.	40	831	....
Derby	Grant st	Wheatland st.	Private.	40	....	200
Dexter	Broadway	Medford line	Private.	50	....	25
Dickinson	Springfield st.	Beacon st.	Public.	40	770	....
Dickson	Broadway	Fairmount ave.	Private.	40	....	271
Dimick	Concord ave.	Calvin st.	Public.	40	957	....
Distillhouse	South st.	Cambridge line	Private.	35	....	150
Dix pl.	Linwood st.	Southwesterly	Private.	10	....	100
Dover	Elm st.	Cambridge line	Public.	40	975	....
Downer pl.	Downer st.	B. & L. R. R.	Private.	20	....	125
Downer	Nashua st.	Southeasterly	Private.	20	....	120
Dresden circle	Cutter ave.	Westerly	Private.	30	....	133
Durham	Beacon st.	Hanson st.	Public.	40	423	....
Dynamo	Willow ave.	Whipple st.	Private.	30	....	255
Earle	South st.	Fitchburg R. R.	Private.	30	....	322
East Albion	Mt. Vernon ave.	E. of Moreland st.	Private.	25	....	188
East Albion	E. of Moreland st	Medford line	Private.	40	....	490
Eastman road	Highland ave.	Southwesterly	Public.	40	296	....
*Edgeworth	Mystic ave.	Melrose st.	Private.	50	....	1,380
Edmands	Broadway	Bonair st.	Public.	40	462	....
Edmonton ave.	Cross st.	Winthrop ave.	Private.	40	....	630
Electric ave.	Curtis st.	Packard ave.	Public.	40	681	....
Eliot	Vine st.	Park st.	Public.	40	291	....

*Proposed.

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Ellington road	Highland ave.	Northeasterly	Private.	35	....	120
Ellington road	West st.	Northwesterly	Private.	30	....	405
Ellsworth	Cross st.	Rush st.	Public.	40	230	....
Elm ct.	Villa ave.	Northwesterly	Private.	18	....	70
Elm pl.	Harvard st.	Easterly & west'ly	Private.	30	....	400
Elm	Somerville ave.	Cherry st.	Public.	63	1,672	....
Elm	Cherry st.	White st.	Public.	63 to 60	330	....
Elm	White st.	Banks st.	Public.	60	660	....
Elm	Banks st.	Beech st.	Public.	60 to 77.5	290	....
Elm	Beech st.	Tenney st.	Public.	77.5 to 60	570	....
Elm	Tenney st.	Davis sq.	Public.	60	1,429	....
Elmwood	Holland st.	Cambridge line	Public.	40	1,057	....
Elmwood ter.	Elmwood st.	Easterly	Private.	20	....	190
Elston	Elm st.	Summer st.	Public.	40	396	....
Emerson	Everett st.	Newton st.	Private.	30	....	170
Emery	Fitchburg R. R.	South st.	Private.	30	....	335
Endicott ave.	Broadway	Woodstock st.(Ext'n)	Private.	40	....	800
Essex	Medford st.	Richdale ave.	Public.	40	232	....
Eustis	Beacon st.	Southwest	Private.	30	....	150
Everett ave.	Cross st.	Dana st.	Public.	40	845	....
Everett	Webster ave.	Newton st.	Private.	30	....	350
Evergreen ave.	Marshall st.	Sycamore st.	Public.	40	1,320	....
Evergreen sq.	Porter st.	Southeasterly	Private.	8	....	200
Fairlee	Cherry st.	Northwesterly	Public.	30	144	....
Fairmount ave.	Curtis st.	Northwesterly	Private.	40	....	700
Fairview ter.	Sycamore st.	Southwesterly	Private.	15	....	173
Farragut ave.	Broadway	Woodstock st.(Ext'n)	Public.	40	905	....
Fellsway	Mystic ave.	Medford line	Public.	70 to 130	2,500	....
Fellsway east (Winthrop ave.)	Broadway	Mystic ave.	Public.	50	1,222	....
Fellsway west (Chauncey ave.)	Broadway	Mystic ave.	Public.	50	1,324	....
Fenwick	Broadway	Jaques st.	Public.	40	601	....
Fisk ave.	Hinckley st.	Lowell st.	Private.	20 & 25	....	460
Fitchburg ct.	Fitchburg st.	Southeasterly	Private.	10	....	225
Fitchburg	Linwood st.	B. & L. R. R.	Private.	40	....	400
Flint ave.	Flint st.	Northerly	Private.	40	....	200
Flint	Franklin st.	Aldrich st.	Public.	40	1,790	....
Florence	Washington st.	Perkins st.	Public.	40	1,304	....
Florence ter.	Jaques st.	Southwesterly	Private.	20	....	90
Forest	Beacon st.	Cambridge line	Public.	40	117	....
Forster	Sycamore st.	Central st.	Private.	30	....	430
Fosket	Willow ave.	Liberty ave.	Public.	40	668	....
Fountain ave.	Cross st.	Glen st.	Public.	30	578	....
Francesca ave.	College ave.	Liberty ave.	Public.	40	762	....
Francis	Porter st.	Conwell st.	Private.	30	....	180
Franklin ave.	Washington st.	Franklin st.	Private.	20	....	500
Franklin pl.	Franklin st.	Southeasterly	Private.	15	....	100
Franklin	Broadway	Washington st.	Public.	40+	2,316	....
Frederick ave.	Willow ave.	Boston ave.	Private.	40	....	1,217
Fremont ave.	Bowdoin st.	Lincoln pk.	Private.	30	....	235
Fremont	Main st.	Meacham st.	Public.	40	612	....
Fremont	Meacham st.	Near Mystic ave.	Private.	40	....	785
Frost ave.	Somerville ave.	Dane st.	Private.	35	....	550
Garden ct.	Somerville ave.	Fitchburg R. R.	Private.	25	....	370
Garfield ave.	Broadway	Middlesex ave.	Private.	40	....	1,430
Garrison ave.	Broadway	Woodstock st.(Ext'n)	Private.	40	....	850
George	Broadway	Lincoln ave.	Public.	30	275	....
Gibbens	Central st.	Benton road	Public.	40	492	....
Gibbens	Benton rd.	Northwesterly	Private.	40	....	133
Giles pl.	Walnut st.	Northwesterly	Private.	32.71	....	168
Gill's ct.	Franklin st.	Westerly	Private.	10	....	100
Gilman	Cross st.	Walnut st.	Public.	40	1,430	....
Gilman ter.	Pearl st.	Northeasterly	Public.	40	360	....

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Gilson ter.	Linden ave.	Northwesterly	Private.	20	....	124
Glen	Broadway	Tufts st.	Public.	40	2,373	....
Glendale ave.	Cameron ave.	Yorktown st.	Public.	40	410	....
Glenwood rd.	Vernon st.	Broadway	Public.	40	1,524	....
Glover circle	Meacham road	Southeasterly	Private.	20	....	110
Gorham	Holland st.	Howard st	Public.	40	763	....
Gould ave.	Porter st.	Southeasterly	Private.	16	....	156
Gove ct.	Cedar st.	Southeasterly	Private.	15	....	145
Grand View ave.	Walnut st.	Vinal ave.	Public.	40	542	....
Granite	Somerville ave.	Osgood st.	Private.	40	....	400
Grant	Broadway	Jaques st.	Public.	40	536	....
Grant	Jaques st.	Mystic ave.	Private.	40	....	814
Greene	Summer st.	Laurel st.	Public.	40	555	....
Greenville	Medford st.	Munroe st.	Public.	40	660	....
Greenville ter.	Greenville st.	Northerly	Private.	20	....	250
Greenwood ter.	Beacon st.	Northeasterly	Private.	25	....	165
Grove	Elm st.	Morrison ave.	Public.	40	996	....
Hadley ct.	Franklin st.	Westerly	Private.	20	....	150
Hall ave.	College ave.	Liberty ave.	Public.	40	926	....
Hall	Cedar st.	Cherry st.	Public.	30	456	....
Hamlet	Highland ave.	Southwesterly	Private.	30	....	400
Hammond	Dickinson st.	Concord ave.	Public.	40	267	....
Hancock	Elm st.	Highland ave.	Public.	40	1,349	....
Hancock	Highland ave.	Lexington ave.	Public.	50	376	....
Hanson ave.	Hanson st.	Easterly	Private.	30	....	252
Hanson	Washington st.	Vine st.	Private.	35	...	750
Harcourt	Dimick st.	Harold st.	Private.	40	....	285
Harding	South st.	Cambridge line	Private.	30	....	115
Harold	Dimick st.	Northerly	Private.	40	....	429
Harris	Beacon st.	Cambridge line	Private.	35	....	150
Harrison	Ivaloo st.	Kent st.	Public.	40	644	....
Harrison	Elmwood st.	Southeasterly	Private.	40	....	210
Harvard pl.	Harvard st.	Westerly	Private.	35	....	200
Harvard	Summer st.	Beech st.	Public.	40	717	....
Hathorn	Broadway	Arlington st.	Public.	40	339	....
Hawkins	Somerville ave.	Washington st.	Public.	40	330	....
Hawthorne	Willow ave.	Cutter ave.	Public.	30	807	....
Hayden ter.	Linden ave.	Easterly	Private.	20	....	120
Heath	Temple st.	Bond st.	Public.	45	1,043	....
Heath	Bond st.	Moreland st.	Private.	40	....	750
Henderson	Richardson st.	B. & L. R. R.	Private.	20	....	535
Hennessy ct.	Medford st.	Fisk ave.	Private.	20	....	250
Henrietta ct.	Somerville ave.	Northerly	Private.	8 and 20.	....	161
Henry ave.	Highland ave.	Lexington ave.	Public.	40	290	....
Herbert	Chester st.	Day st.	Public.	40	337	....
Hersey	Berkeley st.	Oxford st.	Private.	40	....	230
Highland ave.	Medford st.	Davis sq.	Public.	60	9,135	....
Highland rd.	Morrison ave.	Boston ave.	Private.	70	....	1,500
Hill	Broadway	Fairmount ave.	Private.	40	....	236
Hillside ave.	Pearl st.	Southwesterly	Private.	30	....	150
Hillside cir.	Craigie st.	Westerly	Private.	16	....	151
Hillside pk.	Walnut st.	Northwesterly	Public.	40	196	....
Hinckley	Broadway	Lawrence st.	Private.	30	....	430
Hodgdon pl.	Dane ave.	Northeasterly	Private.	about 20	....	150
Holland	Davis sq.	Broadway	Public.	60	2,696	....
Holt's ave.	Oak st.	Southeasterly	Private.	10	....	100
Holyoke road	Elm st.	Elm st.	Public.	40	637	....
Homer sq.	Bonner ave.	Northwesterly	Public.	30+	200	....
Horace	South st.	Fitchburg R. R.	Private.	30	....	510
Houghton	Springfield st.	Cambridge line.	Public.	40	653	....
Howard	Thorndike st.	Gorham street	Private.	40	....	430
Howe	Marshall st.	School st.	Public.	40	445	....
Hudson	Central st.	Cedar st.	Public.	40	2,760	....
Hunting	South st.	Cambridge line	Private.	30	....	125

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Ibbetson	Somerville ave.	Lowell st.	Public.	40	802	....
Irving	Holland st.	Broadway	Public.	40	1,180	....
Ivaloo	Beacon st.	Park st.	Public.	40	685	....
James	Pearl st.	Veazie st.	Public.	40	320	....
Jaques	Chauncey ave.	Temple st.	Public.	40	1,182	....
Jaques	Temple st.	Bond st.	Public.	45	1,005	....
Jasper pl.	Jasper st.	Walnut st.	Private.	20	....	225
Jasper	Pearl st.	Gilman st.	Private.	40	....	300
Jay	Holland st.	Howard st.	Public.	40	534	....
Jerome ct.	Sycamore st.	Jerome st.	Private.	10	...	150
Jerome	Montrose st.	Jerome ct.	Private.	20	....	125
Joseph	Newton st.	Lincoln parkway	Public.	40	458	....
Josephine ave.	Morrison ave.	Broadway	Public.	45	1,718	....
Joy	Washington st.	Poplar st.	Public.	30	1,121	....
Joy St. pl.	Joy st.	Southwesterly	Private.	30	....	175
Kenneson road	Broadway	Southwesterly	Private.	30	....	270
Kensington ave.	Broadway	Blakeley ave.	Public.	40	455	....
*Kensington ave.	Blakeley ave.	Middlesex ave.	Private.	40	....	1,150
Kent ct.	Kent st.	Northerly	Private.	about 25	....	420
Kent	Somerville ave.	Fitchburg R. R.	Public.	40	292	....
Kent	Fitchburg R. R.	Beacon st.	Public.	25	386	....
Kenwood	College ave.	Billingham st.	Public.	40	322	....
Kidder ave.	College ave.	Liberty ave.	Public.	40	625	.. .
Kidder ave.	Liberty ave.	Willow ave.	Private.	40	....	655
Kilby	Somerville ave.	Southwesterly	Private.	20	....	180
Kimball	Lowell st.	Craigie st.	Private.	40	....	303
Kingman ct.	Washington st.	Fitchburg R. R.	Private.	25	....	400
Kingston	Meacham road	Cambridge line	Public.	40	647	....
Knapp	School st.	Granite st.	Public.	40	379	....
Knowlton	Tufts st.	N'Ely line Est. 37	Public.	40	461	....
Knowlton	End of above	Oliver st.	Private.	40	....	464
Lake	Hawkins st.	Church st.	Public.	40	840	....
Lamson ct.	Linwood st.	Poplar st.	Private.	20	....	370
Landers	School st.	Westerly	Private.	40	....	280
Latin Way	Talbot ave.	Professors row	Private.	60	....	250
Laurel ave.	Laurel st.	Northwesterly	Private.	18	....	125
Laurel	Somerville ave.	Summer st.	Public.	40	983	....
Lawrence	Hinckley st.	B. & L. R. R.	Private.	35	....	650
Lawrence	Boston ave.	Southwesterly	Private.	35	....	710
Lawson ter.	Putnam st.	Easterly	Private.	5	....	200
Lee	Medford st.	Richdale ave.	Public.	40	385	....
Leland	Washington st.	Dane ave.	Private.	40	....	365
Leon	Concord ave.	Dickinson st.	Public.	40	155	....
Leonard pl.	Joy st.	Northeasterly	Private.	13+	....	98
Lesley ave.	Highland ave.	Lexington ave.	Public.	40	333	....
Leslie pl.	Highland ave.	Northerly	Private.	12	....	75
Lester ter.	Meacham road	Northwesterly	Private.	20	....	190
Lexington ave.	Willow ave.	Hancock st.	Private.	50	....	623
Lexington ave.	Hancock st.	Cedar st.	Private.	45 and 40	....	721
Liberty ave.	Hall ave.	Broadway	Public.	40	1,395	....
Liberty ave.	Hall ave.	Appleton st.	Private.	40	....	100
Lincoln ave.	Lincoln st.	Mt. Vernon st.	Public.	30	478	....
Lincoln parkway	Washington st.	Perry st.	Public.	40	1,520	....
Lincoln pl.	Lincoln ave.	Northerly	Private.	9	....	120
Lincoln	Broadway.	Perkins st.	Public.	40	550	....
Linden ave.	Elm st.	Summer st.	Public.	45	1,083	....
Linden ave.	Summer st.	Northeasterly	Private.	45	....	250
Linden circle	Linden ave.	Southeasterly	Private.	24	....	120
Linden pl.	Linden ave.	Northwesterly	Private.	20	....	160
Linden	Somerville ave.	Charlestown st.	Private.	33	....	705
Line	Washington st.	Cambridge line	Public.	30	1,727	....
Linehan ct.	Linwood st.	Chestnut st.	Private.	about 15	....	200

* Proposed.

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Linwood pl.	Linwood st.	Southwesterly	Private.	about 12	....	150
Linwood	Somerville ave.	Washington st.	Public.	50	2,114	....
London	Linwood st.	B. & L. R. R.	Private.	40	....	340
Loring	Somerville ave.	Northeasterly	Private.	40	....	400
Louisburg pl.	Autumn st.	Easterly	Private.	13	....	90
Lovell	Broadway	Electric ave.	Private.	40	....	385
Lowden ave.	Broadway	Foskett st.	Private.	40	....	1,205
Lowell	Somerville ave.	Summer st.	Public.	36	1,259	....
Lowell	Summer st.	Crown st.	Private.	33+	....	349
Lowell	Crown st.	Albion st.	Public.	40	972	....
Lowell	Albion st.	L. & A. Br'ch R R.	Private.	40	....	540
Lowell	B. & L. R. R.	Vernon st.	Private.	33+	....	60
Lowell	Vernon st.	Medford st.	Public.	40	1,141	....
Lowell ter.	Lowell st.	Northwesterly	Private.	20	....	150
Madison	School st.	Sycamore st.	Public.	40	891	....
Main	Broadway	Medford line	Public.	50	966	....
*Malden	Mystic ave.	Melrose st.	Private.	50	....	1,360
Mallet	Willow ave.	Liberty ave.	Private.	40	....	580
Malloy ct.	Somerville ave.	Merriam ave.	Private.	30	...	255
Malvern ave.	Cameron ave.	Yorktown st.	Public.	40	410	....
Manila road	Beacon st.	Sacramento st.	Private.	40	....	408
Mansfield	Somerville ave.	Washington st.	Public.	40	735	....
Maple ave.	School st.	Southeasterly	Private.	40	....	300
Maple pl.	Marshall st.	Maple ave.	Private.	5	....	125
Maple	Poplar st.	Medford st.	Public.	30	699	....
Marion	Concord ave.	Wyatt st. N'w'ly	Public.	40	740	....
Marshall	Broadway	Pearl st.	Public.	40	1,650	....
May pl.	Hawkins st.	Easterly	Private.	12	....	100
McCulphe pl.	Medford st.	Easterly	Private.	10	....	110
McGregor ave.	Wigglesworth st.	Walnut st.	Private.	about 10	....	250
Meacham road	Dover st.	Cambridge line	Public.	40	1,060	....
Meacham	Mt. Vernon ave.	Medford line	Private.	40	....	800
Mead	Cameron ave.	Moore st.	Private.	40	....	340
Medford	Cambridge line	Central st.	Public.	50	8,047	....
Medford	Central st.	Broadway	Public.	55	1,985	....
Melburn pl.	Summer st.	Northeasterly	Private.	30	....	125
Melledew ct.	Belmont st.	Easterly	Private.	15	....	137
Melrose	Mystic ave.	Fellsway	Private.	50	....	2,310
Melvin	Broadway	Bonair st.	Public.	40	487	....
Merriam ave.	Merriam st.	Malloy ct.	Private.	15	....	255
Merriam	Somerville ave.	Charlestown st.	Private.	30	....	500
Middlesex ave.	Mystic ave.	Fellsway	Public.	60	2,304	....
Milk pl.	Somerville ave.	Southwesterly	Private.	about 30	....	100
Miller	Sacramento st.	Beacon st.	Private.	33	....	465
Milton	Orchard st.	Cambridge line	Public.	40	223	...
Miner	Vernon st.	Ames st.	Public.	40	244	....
Mondamin ct.	Ivaloo st.	Harrison st.	Private.	25	....	250
Monmouth	Central st.	Westerly	Public.	40	267	..
Monmouth	End of above	Harvard st.	Private.	35	....	200
Montgomery ave.	Broadway	Wellington ave.	Public.	40	265	.. .
Montrose ct.	Montrose st.	B. & L. R. R.	Private.	12	. ..	110
Montrose	School st.	Sycamore st.	Public.	40	886	....
Moore	Holland st.	Mead st.	Public.	40	695	....
Moreland	Main st.	Meacham st.	Public.	40	691	....
Moreland	Meacham st.	Mystic ave.	Private.	40	....	822
Morgan	Beacon st.	Park st.	Public.	40	377	....
Morrison ave.	Cedar st.	Willow ave.	Public.	50	1,366	....
Morrison ave.	Willow ave.	College ave.	Public.	40	1,690	....
Morrison pl.	Morrison ave.	Northerly	Private.	20	....	190
Morrison pl.	Morrison pl.	Easterly	Private.	15	....	175
Mortimer pl.	Marshall st.	Walter st.	Private.	20	....	280
Morton	Glen st.	Knowlton st.	Public.	40	287	....
Mossland	Somerville ave.	Elm st.	Public.	40	377	....
Mountain ave.	Linden ave.	Porter st.	Private.	22	....	310
Mousal pl.	North Union st.	B. & M. R. R.	Private.	20	....	200
Mt. Pleasant ct.	Perkins st.	Southwesterly	Private.	40	....	260

* Proposed.

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Mt. Pleasant	Broadway	Perkins st.	Public.	33	584	....
Mt. Vernon ave.	Main st.	Meacham st.	Private.	50	....	800
Mt. Vernon	Washington st.	Pearl st.	Public.	40	600	....
Mt. Vernon	Pearl st.	Perkins st.	Public.	50	473	....
Mt. Vernon	Perkins st.	Broadway	Public.	40	590	....
Munroe	Walnut st.	Easterly	Public.	40	375	....
Munroe	End of above	Boston st.	Public.	50	1,214	....
Murdock	Cedar st.	Clyde st.	Private.	30	....	900
Murray	Washington st.	Southerly	Private.	30	....	250
Museum	Beacon st.	Cambridge line	Public.	40	164	....
Myrtle ct.	Myrtle st.	Easterly	Private.	10	....	100
Myrtle pl.	Myrtle st.	Westerly	Private.	20+	....	120
Myrtle	Washington st.	Perkins st.	Public.	40	1,423	....
Mystic ave.	Charlestown line	Union st.	Public.	60	378	....
Mystic ave.	Union st.	Medford line	Public.	66	6,938	....
Mystic	Washington st.	Somerville ave.	Public.	40	360	....
Mystic	Benedict st.	Mystic ave.	Private.	40	....	330
Nashua	Richardson st.	B. & L. R. R.	Private.	35	....	640
Nevada ave.	Village st.	Hanson st.	Private.	20	....	200
Newberne	Appleton st.	Morrison ave.	Public.	40	200	....
Newberne	Morrison ave.	B. & L. R. R.	Private.	40	....	173
Newbury	Holland st.	Cambridge line	Public.	40	1,260	...
Newman pl.	Cedar st.	Southeasterly	Private.	15	....	100
Newton pl.	Newton st.	Easterly	Private.	about 10	....	100
Newton	Prospect st.	Webster ave.	Public.	25	470	....
Newton	Webster ave.	Concord ave.	Public.	40+	637	....
Norfolk	Webster ave.	Cambridge line	Public.	40	283	....
North	Broadway	Medford line b. 17	Public.	40	1,961	....
North	Medford line b. 17	Medford line b. 18	Public.	37 to 42	649	....
North Union	Mystic ave.	Northeasterly	Private.	30	....	600
Norton	Nashua st.	Southeasterly	Private.	20	....	200
Norwood ave.	Broadway	Medford st.	Public.	40	350	....
Oak	Prospect st.	Angle	Public.	40	665	....
Oak	Angle	Cambridge line	Public.	30	563	....
Oak St. pl.	Oak st.	Northerly	Private.	4	....	85
Oakland ave.	Marshall st.	School st.	Public.	40	440	....
Olive ave.	Linden ave.	Southeasterly	Private.	25	....	155
Olive sq.	Lake st.	Southerly	Private.	about 15	....	100
Oliver	Franklin st.	Cross st.	Public.	40	1,085	....
Orchard	Cambridge line	Meacham road	Public.	40	1,567	....
Osgood	Granite st.	Easterly & west'ly	Private.	40	...	450
Ossipee road	Packard ave.	Curtis st.	Public.	40	682	....
Otis	Cross st.	Wigglesworth st.	Public.	40	1,200	....
Oxford	School st.	Central st.	Public.	35	1,361	....
Oxford	Beacon st.	Cambridge line	Public.	50	100	....
Packard ave.	Broadway	Professors row	Public.	60	1,758	....
Packard ave.	Professors row	Medford line	Private.	60	....	242
Palmer ave.	Franklin st.	Northwesterly	Private.	20	....	200
Park ave.	College ave.	Wallace st.	Public.	40	467	....
Park pl.	Laurel st.	Easterly	Private.	30	....	220
Park pl.	Park pl.	Northeasterly	Private.	20	....	150
Park	Somerville ave.	Beacon st.	Public.	50	1,238	....
Parker pl.	Porter st.	Northwesterly	Private.	20	....	150
Parker	Washington st.	Fremont ave.	Private.	35	....	200
Partridge ave.	Vernon st.	Broadway	Public.	40	1,467	....
Patten ct.	Cutter st.	Southeasterly	Private.	8	....	100
Paulina	Broadway	Holland st.	Private.	40	....	775
Pearl	Crescent st.	Mt Vernon st.	Public.	37	341	....
Pearl	Mt. Vernon st.	Franklin st.	Public.	50	957	....
Pearl	Franklin st.	Cross st.	Public.	40	1,060	....
Pearl	Cross st.	Medford st.	Public.	50	2,447	...
Pearl St. pl.	Pearl st.	Northeasterly	Private.	20	....	200
Pearl ter.	Pearl st.	Northerly	Private.	23	....	161
Pearson ave.	Morrison ave.	Boston ave.	Private.	45	....	1,300

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Pearson road	Broadway	Professors row	Private.	40	....	1,654
Pembroke ct.	Pembroke st.	Southwesterly	Private.	25	....	130
Pembroke	Central st.	Sycamore st.	Public.	40	430	....
Perkins pl.	Perkins st.	Northeasterly	Private.	20	....	200
Perkins	Franklin st.	Charlestown line	Public.	40	1,336	....
Perry	Washington st.	Lincoln parkway	Public.	40	606	....
Peterson ter.	Porter st.	Northwesterly	Private.	13+	....	155
Pinckney pl.	Pinckney st.	Southeasterly	Private.	24	....	125
Pinckney	Washington st.	Perkins st.	Public.	40	1,186	....
Pitman	Beech st.	Spring st.	Private.	30	....	380
Pitman	Spring st.	Belmont st.	Private.	26	....	390
Pleasant	Walnut st.	Vinal ave.	Public.	40	543	...
Poplar	Poplar st.	Southeasterly	Private.	10	....	80
Poplar	Somerville ave.	Linwood st.	Public.	30	351	....
Poplar	Linwood st.	Joy st.	Public.	35	315	...
Poplar	Joy st.	B. & L. R. R.	Private.	35	....	65
Porter ave.	Porter st.	Northwesterly	Private.	20	....	220
Porter pl.	Porter st.	Northwesterly	Private.	20	....	195
Porter	Elm st.	Mountain ave.	Public.	45	1,622	....
Porter	Mountain ave.	Highland ave.	Public.	40	415	....
Powder house boulevard	Powder house square	Northwesterly, Mystic river and Medford line	Public.	80	7,200	....
Powder house ter.	Kidder ave.	Liberty ave.	Public.	40	585	....
Prescott	Summer st.	Highland ave.	Public.	50	1,110	....
Preston road	School st.	Summer st.	Public.	40	839	....
Princeton	Alpine st.	Lowell st.	Public.	40	648	....
Princeton	Lowell st.	Centre st.	Private.	40	....	540
Pritchard ave.	Morrison ave.	Frederick ave.	Public	40	634	....
Pritchard ave.	Frederick ave.	Boston ave.	Private.	40	....	511
Professors row	Boston ave.	College ave.	Private.	50	....	460
Professors row	College ave.	Curtis st.	Public.	40	2,000	....
Prospect	Washington st.	Cambridge line	Public.	50	2,071	....
Prospect Hill av.	Medford st.	Munroe st.	Public.	40	597	....
Prospect Hill p'k'y	Munroe st.	Stone ave.	Public.	40	400	....
Prospect pl.	Prospect st.	Newton st.	Private.	20	....	130
Putnam	Summer st.	Highland ave.	Public.	50	1,262	....
Quincy	Somerville ave.	Summer st.	Public.	40	781	....
Randolph pl.	Cross st.	Westerly	Private.	15	....	244
Raymond ave.	Curtis st.	North st.	Public.	40	1,345	....
Record's pl.	Broadway	Southwesterly	Private.	10	....	110
Reed's ct.	Oliver st.	Southwesterly	Private.	20	....	105
Remick ct.	Cutter st.	Southeasterly	Private.	10	....	100
Richardson	Lowell st.	Lawrence st.	Public.	35	467	....
Richardson ter.	Richardson st.	Northeasterly	Private.	20	....	135
Richdale ave.	School st.	Sycamore st.	Public.	40	875	....
Richmond hi'h'ds	Madison st.	Southerly	Private.	30	....	150
Roberts	Lawrence st.	Northwesterly	Private.	20	....	170
Robinson	Central st.	Bartlett st.	Public.	40	582	....
Rogers ave.	Morrison ave.	Boston ave.	Public	45	1,682	....
Roland st.	Waverly st.	Boston line	Private.	40	....	100
Roseland	Beacon st.	Cambridge line	Public.	40	121	....
Rossmore	Somerville ave.	Washington st.	Public.	40	534	....
Royce pl.	Bonair st.	Northeasterly	Private.	15+	....	175
Rush	Broadway	Flint st.	Public.	40	1,400	....
Russell road	Broadway	North st.	Private.	40	....	1,193
Russell	Elm st.	Cambridge line	Public.	40	700	....
Sacramento	Somerville ave.	Fitchburg R. R.	Public.	40	80	....
Sacramento	Fitchburg R. R.	Beacon st.	Public.	40	290	....
Sacramento	Beacon st.	Cambridge line	Private.	40	....	156
Sanborn ave.	Warren ave.	Walnut st.	Public.	40	280	....
Sanborn ct.	Washington st.	Northwesterly	Private.	30	....	176
Sargent ave.	Broadway	Walnut st.	Public.	40	1,075	....
Sartwell ave.	Cedar st.	Cherry st.	Private.	35	....	400

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Sawyer ave.	Packard ave.	Curtis st.	Private.	40	....	690
School	Somerville ave.	Highland ave.	Public.	40	1,901	....
School	Highland ave.	Broadway	Public.	50	2,500	....
Sellon pl.	Marshall st.	Northwesterly	Private.	12	....	120
Seven Pines ave	Cameron ave.	Cambridge line	Public.	40	92	....
Sewall ct.	Sewall st.	Southwesterly	Private.	25	....	190
Sewall	Grant st.	Temple st.	Public.	40	615	....
Shawmut pl.	Shawmut st.	Alston st.	Private.	30	....	200
Shawmut	Washington st.	Cross st.	Public.	40	575	....
Shedd	Somerville ave.	Merriam ave.	Private.	40	....	310
Sherman ct.	Sargent ave.	Marshall st.	Private.	10	....	250
Sherman	Somerville ave.	Frost ave.	Private.	35	....	270
Sibley ct.	Cutter st.	Northwesterly	Private.	10	....	100
Sibley pl.	Cutter st.	Northwesterly	Private.	10	....	100
Simpson ave.	Broadway	Holland st.	Private.	40	....	825
Skehan	Dane st.	Durham st.	Private.	30	....	720
Skilton ave.	Pearl st.	Pearl st.	Private.	40	....	540
Smith ave.	Beacon st.	Line st.	Private.	25+	....	200
Snow pl.	Belmont st.	Easterly	Private.	30	....	75
Snow pl.	Snow pl.	N'th'ly and S'th'ly	Private.	20	....	222
Snow ter.	Jaques st.	Southwesterly	Private.	16	....	120
Somerville ave.	E. Camb. line	Union sq.	Public.	75	4,325	....
Somerville ave.	Union sq.	N. Camb. line	Public.	70	6,793	....
South	Medford st.	Water st.	Public.	30	989	....
Spencer ave.	Cedar st.	Hancock st.	Public.	40	727	....
Spring ct.	Somerville ave.	Westerly	Private.	20	....	200
Spring	Somerville ave.	Summer st.	Public.	40	1,220	....
Springfield	Concord ave.	Cambridge line	Public.	40	788	....
Spring Hill ter.	Highland ave.	Belmont st.	Private.	20	....	670
Stanford ter.	Beacon st.	Northeasterly	Private.	20	....	200
Stickney ave.	Marshall st.	School st.	Public.	40	458	....
St. James ave.	Elm st.	Summer st.	Public.	40	488	....
Stone ave.	Union sq.	Columbus ave.	Public.	40	676	....
Stone ave.	Columbus ave.	Prospect Hill p'k'y	Public.	38	107	....
Stone pl.	Stone ave.	Southeasterly	Private.	30	....	145
Summer	Bow st.	Elm st.	Public.	45	7,900	....
Summit ave.	Walnut st.	Vinal ave.	Public.	45	532	....
Summit	College ave.	Billingham st.	Public.	40	262	....
Sumner	Lawrence st.	Northwesterly	Private.	20	....	175
Sunnyside ave.	Walnut st.	Wigglesworth st.	Private.	35	....	250
Sycamore	Broadway	Medford st.	Public.	45	1,275	...
Sycamore	Medford st	B. & L. R R.	Public.	40	667	....
Sycamore	B. & L. R. R.	Highland ave.	Public.	35	722	....
Sydney	Grant st.	Temple st.	Public.	40	679	....
Talbot ave.	Packard ave.	College ave.	Private.	50	....	1,409
* Tannery (Ext'n)	Cambridge line	Woodstock st.(Ext'n)	Private.	40	....	160
Taunton.	Wyatt st.	Easterly to angle	Private.	30	....	170
Taunton	Angle	Marion st.	Private.	20	....	95
Taylor pl.	Somerville ave.	Southerly	Private.	15	....	200
Taylor	Mystic ave.	Sydney st.	Private.	40	....	310
Teele ave.	Packard ave.	Curtis st.	Private.	40	....	685
Temple	Broadway	Mystic ave.	Public.	66	1,637	....
Tenney ct.	Mystic ave.	Northeasterly	Private.	30	....	400
Tennyson	Forster st.	Pembroke st.	Public.	40	922	....
Thorndike	Holland st.	Arl'ngt'n Br. R. R.	Public.	40	465	....
Thorndike	Arl'gt'n Br. R.R.	Kingston st.	Public.	40	115	....
Thorpe pl.	Highland ave.	Southwesterly	Private.	30	....	450
Thurston	Broadway	Richdale ave.	Public.	40	1,660	....
Tower ct.	Tyler st.	Northeasterly	Private.	25	....	150
Tower	Crown st.	Highland ave.	Public.	40	559	....
Tremont pl.	Tremont st.	Southeasterly	Private.	about 10	....	75
Tremont	Webster ave.	Cambridge line	Public.	40	589	....
Trull	Vernon st.	Medford st.	Public.	40	1,050	....

*Proposed.

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private
Trull lane	Highland ave.	Oxford st.	Private.	15	....	200
Tufts parkway	College ave.	College ave.	Public.	22	900	....
Tufts	Washington st.	Cross st.	Public.	40	982	....
Tyler	Vine st.	Dane st.	Public.	40	404	....
Unnamed st.	Ware st.	Powder h'se blvd.	Private.	20-40	....	283
Unnamed st. (Highway and Water Dept. grounds)	Broadway	Cedar st.	Private.	45	....	960
Union	Broadway	Mystic ave.	Public.	40	345	....
Union pl.	Linwood st.	Southwesterly	Private.	10	....	100
Upland Park	Main st.	Southwesterly	Private.	20	....	175
Veazie	Walnut st.	Bradley st.	Public.	35	392	....
Veazie	Bradley st.	Marshall st.	Public.	40	261	....
Vernon	Central st.	Glenwood road	Public.	40	764	....
Vernon	Glenwood road	Lowell st.	Private.	30	....	600
Victoria	Broadway	Cambridge line	Private.	40	....	1,036
Villa ave.	Winslow ave.	Arlington Br. R. R.	Private.	35	....	200
Village	Dane st.	Vine st.	Private.	25	....	370
Vinal ave.	Summer st.	Highland ave.	Public.	45	1,425	....
Vinal	Richardson st.	Northeasterly	Private.	20	....	200
Vine ct.	Vine st.	Northwesterly	Private.	25	....	140
Vine	Somerville ave.	Hanson st.	Private.	40	....	780
Vine	Hanson st.	Beacon st.	Private.	25	....	650
Virginia	Aldrich st.	Jasper st.	Public.	40	405	....
Wade ct.	Cedar st.	Westerly	Private.	20	....	180
Waldo ave.	Beacon st.	Dimick st.	Private.	40	....	277
Waldo	Highland ave.	Hudson st.	Public.	40	287	....
Wallace	Holland st.	Broadway	Public.	40	1,342	....
Walnut	Bow st.	Broadway	Public.	40	3,948	....
Walter pl.	Walter st.	Southwesterly	Private.	40	....	222
Walter	Walnut st.	about 100 ft. N. of Bradley st.	Public.	40	548	....
Ward	Medford st.	Earle st.	Private.	30	....	610
Ware	Curtis st.	Northwesterly	Private.	40	....	700
Warner	Powder House sq.	Medford line	Public.	60	500	....
Warren ave.	Union sq.	Columbus ave.	Public.	40	663	....
Warren	Medford st.	Cambridge line	Private.	30	....	100
Warwick place	Warwick st.	Northeasterly	Private.	15	....	150
Warwick	Cedar st.	Warwick pl.	Public.	40	665	....
Washington ave.	Washington st.	Northerly	Private.	18	....	350
Washington	Charlest'n line	Franklin ave.	Public.	75	1,060	....
Washington	Franklin ave.	Fitchburg R. R.	Public.	60 to 100	3,977	....
Washington	Fitchburg R. R.	Cambridge line	Public	60	2,344	....
Water	South st.	Northerly	Private.	25	....	250
Waterhouse	Broadway	Cambridge line	Private.	40	....	966
Watson	Broadway	Fairmount ave.	Private.	40	....	236
Waverly	Washington st.	Roland st.	Private.	35	....	200
Webster ave.	Union sq.	Cambridge line	Public.	49.5	1,955	....
Webster	Franklin st.	Cross st.	Public.	40	1,034	....
Wellington ave.	Walnut st.	Montgomery ave.	Public.	40	215	....
Wellington ave.	Montgomery ave.	Easterly	Private.	40	....	85
Wesley pk.	Wesley sq.	Northeasterly	Public.	40	405	....
Wesley	Pearl st.	Otis st.	Public.	40	515	....
West	Broadway	Heath st.	Private.	30	....	250
West	Hawthorne st.	Arlington Br. R. R.	Private.	30	....	460
Westminster	Broadway	Electric ave.	Public.	40	376	....
Weston ave.	Clarendon ave.	Broadway	Private.	40	....	525
Westwood road	Central st.	Benton road	Public.	40	489	....
Wheatland	Broadway	Jaques st.	Public.	40	495	....
Wheatland	Jaques st.	Mystic ave.	Private.	40	....	855
Wheeler	Pinckney st.	Mt. Vernon st.	Public.	40	269	....

Table Showing the Location, Length and Width of Public and Private Streets. — Concluded.

Street.	From.	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Whipple . . .	Highland ave. .	Arlington Br. R. R.	Private.	30	....	318
†White	Elm st. . . .	Cambridge line .	Public.		307	....
White St. pl. . .	White st. . . .	Southeasterly . .	Private.	20	....	200
Wigglesworth . .	Bonair st. . . .	Pearl st.	Public.	40	744	....
William	Chandler st. . .	College ave. . .	Public.	40	381	....
William	Broadway . . .	Medford line . .	Private.	50	....	45
Williams ct. . .	Porter st. . . .	Northwesterly . .	Private.	30	....	150
Willoughby . .	Central st. . .	Sycamore st. . .	Public.	40	427	....
Willow ave. . .	Elm st. . . .	Broadway . . .	Public.	50	3,534	....
Willow pl. . . .	Cambridge line .	South st.	Private.	25	....	150
Wilson ave. . .	Broadway . . .	B. & L. R. R. . .	Private.	20	....	210
Wilton	Lowell st. . . .	Lawrence st. . .	Public.	35	470	....
Winchester . .	Broadway . . .	Medford line . .	Private.	40	....	65
Windom . . .	Elm st. . . .	Summer st. . . .	Public.	40	300	....
Windsor road . .	Willow ave. . .	Hancock st. . .	Public.	40	575	....
Winslow ave. . .	College ave. . .	Clifton st. . . .	Public.	40	1,123	....
Winter	College ave. . .	Holland st. . . .	Public.	30	402	....
Winter Hill cir. .	Broadway . . .	Northeasterly . .	Private.	25	....	177
Winthrop ave. (Extension.) .	Mystic ave. . .	Middlesex ave. .	Private.	40	....	583
Woodbine . . .	Centre st. . .	Lowell st. . . .	Private.	30	....	600
*Woods ave. . .	North st. . . .	Alewife brook . .	Private.	40	....	1,350
Woodstock . . .	Victoria st. . .	Alewife brook . .	Private.	40	....	415
*Woodstock (Extension.) .	Victoria st. . .	Tannery st. (Ext'n.)	Private.	40	....	920
Wyatt circle . .	Wyatt st. . .	Wyatt st. . . .	Private.	20	....	315
Wyatt	Concord ave. .	Lincoln parkway .	Public.	40	496	....
Yorktown . . .	Cambridge line .	N. E. line Malvern ave.	Public.	40	294	....
Yorktown . . .	N. E. line Malvern ave.	Northerly. . .	Private.	40	....	100

*Proposed.

†Sidewalk in Somerville.

Court	26 Craigie st. .	Westerly . . .	Private.	25	....	126
Court	36 Craigie st. .	Westerly . . .	Private.	25	....	126
Court	292 Broadway .	Southwesterly . .	Private.	15	....	96
Court	58 Dane st. . .	Easterly	Private.	10	....	70
Court	66 Lowell st. .	Westerly . . .	Private.	25	....	101
Court	78 Lowell st. .	Westerly . . .	Private.	25	....	101
Court	Olive ave. . .	Porter st. . . .	Private.	7.5	....	156
Court	10 Stone ave. .	Northwesterly . .	Private.	20	....	113
Court	21 Albion st . .	Northeasterly . .	Private.	10	....	100
Court	227 Columbia st.	Northwesterly . .	Private.	10	....	117
Court	11 Albion st. .	Northeasterly . .	Private.	9	....	170
Court	20 Dimick st. .	Southwesterly . .	Private.	39.25	....	136
Court	612 Broadway .	Southwesterly . .	Private.	20	....	188
Total . .	. . . . .	. . . . .	. . .	. . .	365,875	128,103

Public, 69.294 miles (includes 2.843 miles boulevards); private, 24.262 miles.

Total length of streets in the city, 93.556 miles.

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